

Appendix F. Toxicol Data Available in ECOTOX

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                                                                | Species Number | Phylum        | Class         | Order        | Family        | Genus        | Species    | Common Name               | Effect Group | Effect | Meas | Endpt1 | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig  | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------------------------------------------------------|----------------|---------------|---------------|--------------|---------------|--------------|------------|---------------------------|--------------|--------|------|--------|--------|-------------|--------------|-------|-----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 1                          | 806601     | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 7679           | Fungi         | NR            | NR           | NR            | NR           | Fungi      | Fungi Kingdom             | POP          | POP    | ABND | NOAEL  |        | terrestrial | NR           | NAT   | 5 wk      |               | 35 d          |                    | A         | 650                 | ug/g soil       | 650                            |                         | 650                      |
| 2                          | 806601     | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 7679           | Fungi         | NR            | NR           | NR            | NR           | Fungi      | Fungi Kingdom             | POP          | POP    | ABND | LOAEL  |        | terrestrial | NR           | NAT   | 1 wk      |               | 7 d           |                    | A         | 650                 | ug/g soil       | 650                            |                         | 650                      |
| 3                          | 806601     | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 7679           | Fungi         | NR            | NR           | NR            | NR           | Fungi      | Fungi Kingdom             | POP          | POP    | ABND | NOAEL  |        | terrestrial | NR           | NAT   | 5 wk      |               | 35 d          |                    | A         | 650                 | ug/g soil       | 650                            |                         | 650                      |
| 4                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 3233           | Magnoliophyta | Magnoliopsida | Capparidales | Brassicaceae  | Brassica     | napus      | Colza                     | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | 6 mo      |               | 180 d         |                    | A         | 207                 | l/l ha          | 207                            |                         | 207                      |
| 5                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 18022          | Nemata        | Adenophorea   | Dorylaimida  | Longidoridae  | Longidorus   | elongatus  | Nematode                  | POP          | POP    | CNTL | LOAEL  |        | terrestrial | Animal       | NAT   | 6 mo      |               | 180 d         |                    | A         | 207                 | l/l ha          | 207                            |                         | 207                      |
| 6                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | GRO          | MPH    | WGHT | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 7                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | PHY          | RJ     | GINJ | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 8                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 9                          | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | GRO          | MPH    | WGHT | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 10                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | PHY          | RJ     | GINJ | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 11                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 11788          | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Fragaria     | x ananassa | Hybrid strawberry         | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | 2 gs      |               | 2 gs          |                    | F         | 94.6                | l/ha            | 94.6                           |                         | 94.6                     |
| 12                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 4028           | Magnoliophyta | Magnoliopsida | Asterales    | Asteraceae    | Cirsium      | arvense    | Canada thistle            | POP          | POP    | ABND | LOAEL  |        | terrestrial | Plant        | NAT   | 2 to 4 mo |               | 60 TO 120 d   |                    | F         | 280                 | kg/ha           | 280                            |                         | 249.76                   |
| 13                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 17353          | Nemata        | Secernentea   | Tylenchida   | Ciconematidae | Ciconemella  | xenoplax   | Nematode                  | POP          | POP    | ABND | NOAEL  |        | terrestrial | Animal       | NAT   | 43 mo     |               | 1290 d        |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 14                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 17353          | Nemata        | Secernentea   | Tylenchida   | Ciconematidae | Ciconemella  | xenoplax   | Nematode                  | POP          | POP    | ABND | NOAEL  |        | terrestrial | Animal       | NAT   | 43 mo     |               | 1290 d        |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 15                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | GRO          | GRO    | DMTR | NOAEL  |        | terrestrial | Plant        | NAT   | 17 mo     |               | 510 d         |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 16                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | GRO          | GRO    | DMTR | NOAEL  |        | terrestrial | Plant        | NAT   | 17 mo     |               | 510 d         |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 17                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | MOR          | MOR    | MORT | NOAEL  |        | terrestrial | Plant        | NAT   | 7 yr      |               | 2550 d        |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 18                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | MOR          | MOR    | MORT | NOAEL  |        | terrestrial | Plant        | NAT   | 7 yr      |               | 2550 d        |                    | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 19                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | na        | lv            | na            | lv                 | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 20                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | na        | lv            | na            | lv                 | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 21                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | GRO          | MPH    | WGHT | NOAEL  |        | terrestrial | Plant        | NAT   | na        | lv            | na            | lv                 | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 22                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3786           | Magnoliophyta | Magnoliopsida | Rosales      | Rosaceae      | Prunus       | persica    | Peach                     | GRO          | MPH    | WGHT | NOAEL  |        | terrestrial | Plant        | NAT   | na        | lv            | na            | lv                 | F         | 327                 | l/ha            | 327                            |                         | 327                      |
| 23                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 10911          | Nemata        | Secernentea   | Tylenchida   | Heteroderidae | Metatodgynae | incognita  | Peanut root-knot nematode | POP          | POP    | CNTL | LOAEL  |        | terrestrial | Animal       | NAT   | 6 wk      |               | 56 d          |                    | A         | 86                  | kg/ha           | 86                             |                         | 86                       |
| 24                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3480           | Magnoliophyta | Magnoliopsida | Malvales     | Malvaceae     | Gossypium    | hirsutum   | Cotton                    | MOR          | MOR    | SURV | NOAEL  |        | terrestrial | Plant        | NAT   | 24 wk     |               | 168 d         |                    | A         | 86                  | kg/ha           | 86                             |                         | 76.712                   |
| 25                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3480           | Magnoliophyta | Magnoliopsida | Malvales     | Malvaceae     | Gossypium    | hirsutum   | Cotton                    | GRO          | GRO    | HGHT | NOAEL  |        | terrestrial | Plant        | NAT   | 24 wk     |               | 168 d         |                    | A         | 86                  | kg/ha           | 86                             |                         | 76.712                   |
| 26                         | 542756     | 1,3-dichloropropene (Telone)                                                 | 3480           | Magnoliophyta | Magnoliopsida | Malvales     | Malvaceae     | Gossypium    | hirsutum   | Cotton                    | POP          | POP    | BMAS | NOAEL  |        | terrestrial | Plant        | NAT   | na        | lv            | na            | lv                 | A         | 86                  | kg/ha           | 86                             |                         | 76.712                   |

| Appendix F<br>Study ID No. | Conc Value2<br>Orig | Conc Value2<br>Purity Adjusted | Conc Value2<br>Operator | Conc Value2<br>Preferred | Conc Units<br>Preferred | Number of<br>Conc | Appendix F<br>Study ID No. | pH | Hardness | Hardness<br>Unit | Organic<br>Matter<br>Value | Organic<br>Matter Unit | Organic<br>Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author             | Title                                                                                                                              | Source                                       | Publication<br>Year | Comments                                                                                                                                                                                                                                                                         |
|----------------------------|---------------------|--------------------------------|-------------------------|--------------------------|-------------------------|-------------------|----------------------------|----|----------|------------------|----------------------------|------------------------|------------------------|----------|----------|----------|---------|-------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                          |                     |                                |                         |                          | gpm                     | 1                 | 1                          |    |          |                  |                            |                        |                        | 100      | lab      | DA       | NO      | 54976 | Tu CM.             | A Screening Technique for Assessing Effects of Pesticides on Population and Activities of Non-Target Soil Microorganisms           | Bull Environ Contam Toxicol 20(1-3): 212-218 | 1978                | EXP/Other durations reported// CHAR/Vortex, sand carrier used// GENERAL/loamy sand//                                                                                                                                                                                             |
| 2                          |                     |                                |                         |                          | gpm                     | 1                 | 2                          |    |          |                  |                            |                        |                        | 100      | lab      | DA       | NO      | 54976 | Tu CM.             | A Screening Technique for Assessing Effects of Pesticides on Population and Activities of Non-Target Soil Microorganisms           | Bull Environ Contam Toxicol 20(1-3): 212-218 | 1978                | EXP/Other durations reported// CHAR/Vortex, sand carrier used// GENERAL/sandy loam //                                                                                                                                                                                            |
| 3                          |                     |                                |                         |                          | gpm                     | 1                 | 3                          |    |          |                  |                            |                        |                        | 100      | lab      | DA       | NO      | 54976 | Tu CM.             | A Screening Technique for Assessing Effects of Pesticides on Population and Activities of Non-Target Soil Microorganisms           | Bull Environ Contam Toxicol 20(1-3): 212-218 | 1978                | EXP/Other durations reported// EE/significant increase// CHAR/Vortex, sand carrier used// GENERAL/loam //                                                                                                                                                                        |
| 4                          |                     |                                |                         |                          | Al lha                  | 1                 | 4                          |    |          |                  |                            |                        |                        | 92       | FieldN   | EN       | NO      | 74582 | Boag B.            | Effect of Pesticides on Longidous elongatus and the Yield of Sweetles                                                              | Tests Agrochem Cultiv 6(1): 32-33            | 1985                | EE/Beneficial. Yield of plants increased// CHAR/Telone III/ GENERAL/fertilizer effects also reported//                                                                                                                                                                           |
| 5                          |                     |                                |                         |                          | Al lha                  | 1                 | 5                          |    |          |                  |                            |                        |                        | 92       | FieldN   | EN       | NO      | 74582 | Boag B.            | Effect of Pesticides on Longidous elongatus and the Yield of Sweetles                                                              | Tests Agrochem Cultiv 6(1): 32-33            | 1985                | CHAR/Telone III/ GENERAL/fertilizer effects also reported//                                                                                                                                                                                                                      |
| 6                          |                     |                                |                         |                          | lha                     | 1                 | 6                          |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Camarosa variety// EXP/UR/1999 and 2000// EE/End of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting//                                                                                                                   |
| 7                          |                     |                                |                         |                          | lha                     | 1                 | 7                          |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Camarosa variety// EXP/UR/1999 and 2000// EE/Root condition rated on scale of 1 to 5. Beneficial effect decreased compared with control. Measured at end of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting//           |
| 8                          |                     |                                |                         |                          | lha                     | 1                 | 8                          |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Camarosa variety// EXP/UR/1999 and 2000// EE/Beneficial effect increased compared with control. Measured at end of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting//                                                    |
| 9                          |                     |                                |                         |                          | lha                     | 1                 | 9                          |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Sweet Charlie variety// EXP/UR/1999 and 2000// EE/End of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting//                                                                                                              |
| 10                         |                     |                                |                         |                          | lha                     | 1                 | 10                         |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Sweet Charlie variety// EXP/UR/1999 and 2000// EE/Root condition rated on scale of 1 to 5. Beneficial effect significantly increased over control. Measured at end of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting// |
| 11                         |                     |                                |                         |                          | lha                     | 1                 | 11                         |    |          |                  |                            |                        |                        | 100      | FieldN   | DA       | NO      | 93479 | Kokalis-Burelle N. | Effects of Transplant Type, Plant Growth-Promoting Rhizobacteria, and Soil Treatment on Growth and Yield of Strawberry in Florida  | Plant Soil256(2): 273-280                    | 2003                | ORG/Sweet Charlie variety// EXP/UR/1999 and 2000// EE/No clear dose response. Measured at end of 2000 growing season// EDES/Chemical exposed as a broadcast shank injection 14 days prior to planting//                                                                          |
| 12                         |                     |                                |                         |                          | lb/acre                 | 2                 | 12                         |    |          |                  |                            |                        |                        | 100      | FieldN   | UJ       | NO      | 89203 | Ogg AG Jr.         | Control of Canada Thistle by Soil Fumigation Without Tarpaolins                                                                    | Weed Sci 23(3): 191-194                      | 1975                | EE/Average (of 1972 and 1973) reduction of Canada thistle shoots at injection depth of 23 cm. Other injection depth reported was 46 cm// EDES/fumigant injected into soil at two separate depths//                                                                               |
| 13                         |                     |                                |                         |                          | lha                     | 1                 | 13                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EXP/Other duration also reported// EE/reinfestation// EDES/broadcast application//                                                                                                                                                                                               |
| 14                         |                     |                                |                         |                          | lha                     | 1                 | 14                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EXP/Other duration also reported// EE/reinfestation// EDES/strip application//                                                                                                                                                                                                   |
| 15                         |                     |                                |                         |                          | lha                     | 1                 | 15                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/reinfestation// EDES/strip application//                                                                                                                                                                                                                                      |
| 16                         |                     |                                |                         |                          | lha                     | 1                 | 16                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/reinfestation// EDES/broadcast application//                                                                                                                                                                                                                                  |
| 17                         |                     |                                |                         |                          | lha                     | 1                 | 17                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/significant decrease in mortality due to short life syndrome// EDES/broadcast application//                                                                                                                                                                                   |
| 18                         |                     |                                |                         |                          | lha                     | 1                 | 18                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/significant decrease in mortality due to short life syndrome// EDES/strip application//                                                                                                                                                                                       |
| 19                         |                     |                                |                         |                          | lha                     | 1                 | 19                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/significant increase in yield per plot// EDES/strip application//                                                                                                                                                                                                             |
| 20                         |                     |                                |                         |                          | lha                     | 1                 | 20                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EE/significant increase in yield per plot// EDES/broadcast application//                                                                                                                                                                                                         |
| 21                         |                     |                                |                         |                          | lha                     | 1                 | 21                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EDES/broadcast application//                                                                                                                                                                                                                                                     |
| 22                         |                     |                                |                         |                          | lha                     | 1                 | 22                         |    |          |                  |                            |                        |                        | 100      | lab      | EN       | NO      | 93596 | Zehr EI/Golden JK. | Strip and Broadcast Treatments of Dichloropropene Compared for Controlling Criconebella xenoplax and Short Life in a Peach Orchard | Plant Dis 70(11): 1064-1066                  | 1986                | EDES/strip application//                                                                                                                                                                                                                                                         |
| 23                         |                     |                                |                         |                          | lb kg/ha                | 1                 | 23                         |    |          |                  |                            |                        |                        | 92       | FieldN   | FU       | NO      | 93593 | WR.                | Root-Knot Nematode Effect on Nine Cotton Cultivars in Mississippi                                                                  | Crop Sci 27(5): 1001-1004                    | 1987                | EXP/Other durations also reported// EE/root knot gall index also reported//                                                                                                                                                                                                      |
| 24                         |                     |                                |                         |                          | lb/acre                 | 1                 | 24                         |    |          |                  |                            |                        |                        | 92       | FieldN   | FU       | NO      | 93593 | WR.                | Root-Knot Nematode Effect on Nine Cotton Cultivars in Mississippi                                                                  | Crop Sci 27(5): 1001-1004                    | 1987                | CRQ/9 cvs. // GENERAL/3 year average of 9 cultivars//                                                                                                                                                                                                                            |
| 25                         |                     |                                |                         |                          | lb/acre                 | 1                 | 25                         |    |          |                  |                            |                        |                        | 92       | FieldN   | FU       | NO      | 93593 | WR.                | Root-Knot Nematode Effect on Nine Cotton Cultivars in Mississippi                                                                  | Crop Sci 27(5): 1001-1004                    | 1987                | CRQ/9 cvs. // GENERAL/3 year average of 9 cultivars//                                                                                                                                                                                                                            |
| 26                         |                     |                                |                         |                          | lb/acre                 | 1                 | 26                         |    |          |                  |                            |                        |                        | 92       | FieldN   | FU       | NO      | 93593 | WR.                | Root-Knot Nematode Effect on Nine Cotton Cultivars in Mississippi                                                                  | Crop Sci 27(5): 1001-1004                    | 1987                | CRQ/9 cvs. // EE/year// GENERAL/3 year average of 9 cultivars//                                                                                                                                                                                                                  |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                                                                | Species Number | Phylum        | Class          | Order           | Family          | Genus       | Species     | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units<br>Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------------------------------------------------------|----------------|---------------|----------------|-----------------|-----------------|-------------|-------------|-----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|--------------------|--------------------------------|-------------------------|--------------------------|
| 27                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 11298          | Mycomycota    | Phycomycota    | Peronosporales  | Pythiaceae      | Pythium     | sp.         | Fungus          | POP          | POP    | ABND | LOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 190                 | μg/4 ha            | 190                            |                         | 190                      |
| 28                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4074           | Magnoliophyta | Magnoliopsida  | Solanales       | Solanaceae      | Solanum     | tuberosum   | Potato          | POP          | POP    | BMAS | NOAEL   |        | terrestrial | Plant        | NAT   | 2 wk     |               | 14 d          |                    | F         | 140                 | μha                | 131.6                          |                         | 131.6                    |
| 29                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 17299          | Basidiomycota | Basidiomycetes | Hymenochaetales | Hymenochaetales | Phellinus   | weirii      | Fungus          | POP          | POP    | CNTL | LOAEL   |        | terrestrial | NR           | NAT   | 20 mo    |               | 600 d         |                    | F         | 3.35                | ml/kg              | 3.35                           |                         | 3.35                     |
| 30                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 17299          | Basidiomycota | Basidiomycetes | Hymenochaetales | Hymenochaetales | Phellinus   | weirii      | Fungus          | POP          | POP    | CNTL | LOAEL   |        | terrestrial | NR           | NAT   | 20 mo    |               | 600 d         |                    | F         | 6.7                 | ml/kg              | 6.7                            |                         | 6.7                      |
| 31                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4181           | Magnoliophyta | Magnoliopsida  | Apiales         | Apiaceae        | Daucus      | carota      | Wild carrot     | BCM          | BCM    | CARO | LOAEL   |        | terrestrial | Plant        | NAT   | 4 mo     |               | 120 d         |                    | F         | 10                  | gal/acre           | 9                              |                         | 9                        |
| 32                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4181           | Magnoliophyta | Magnoliopsida  | Apiales         | Apiaceae        | Daucus      | carota      | Wild carrot     | PHY          | PHY    | RESP | LOAEL   |        | terrestrial | Plant        | NAT   | 4 mo     |               | 120 d         |                    | F         | 10                  | gal/acre           | 9                              |                         | 9                        |
| 33                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 3987           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Zea         | mays        | Corn            | BCM          | BCM    | CARC | LOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 10                  | gal/acre           | 9                              |                         | 9                        |
| 34                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 3987           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Zea         | mays        | Corn            | BCM          | BCM    | CARC | LOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 10                  | gal/acre           | 9                              |                         | 9                        |
| 35                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 3224           | Magnoliophyta | Magnoliopsida  | Sapindales      | Rutaceae        | Citrus      | ambhiri     | Rough lemon     | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | UKS   | 10 d     |               | 10 d          |                    | F         | 110                 | ml/m2              | 110                            |                         | 110                      |
| 36                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4074           | Magnoliophyta | Magnoliopsida  | Solanales       | Solanaceae      | Solanum     | tuberosum   | Potato          | POP          | POP    | BMAS | NOAEL   |        | terrestrial | Plant        | NAT   | 2 wk     |               | 14 d          |                    | F         | 140                 | μha                | 131.6                          |                         | 131.6                    |
| 37                         | 8003186    | 1,3-dichloropropane mixt. with 1,2-dichloropropane                           | 3856           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Saccharum   | officinatum | Sugarcane       | GRO          | GRO    | HGHT | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 250                 | μha                | 250                            |                         | 250                      |
| 38                         | 8003186    | 1,3-dichloropropane mixt. with 1,2-dichloropropane                           | 3856           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Saccharum   | officinatum | Sugarcane       | BCM          | BCM    | NCON | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 250                 | μha                | 250                            |                         | 250                      |
| 39                         | 8003186    | 1,3-dichloropropane mixt. with 1,2-dichloropropane                           | 3856           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Saccharum   | officinatum | Sugarcane       | PHY          | PHY    | NUPT | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 250                 | μha                | 250                            |                         | 250                      |
| 40                         | 8003186    | 1,3-dichloropropane mixt. with 1,2-dichloropropane                           | 3856           | Magnoliophyta | Liliopsida     | Cyperales       | Poaceae         | Saccharum   | officinatum | Sugarcane       | POP          | POP    | BMAS | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 250                 | μha                | 250                            |                         | 250                      |
| 41                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 1161           | Nemata        | NR             | NR              | NR              | NR          | Nemata      | Nematode phylum | POP          | POP    | ABND | LOAEL   |        | terrestrial | Animal       | NAT   | 7 d      |               | 7 d           |                    | F         | 190                 | μg/4 ha            | 190                            |                         | 190                      |
| 42                         | 8066011    | 1,2-dichloropropane mixt. with 1,3-dichloropropane and methyl isothiocyanate | 3786           | Magnoliophyta | Magnoliopsida  | Rosales         | Rosaceae        | Prunus      | persica     | Peach           | GRO          | MPH    | DMTR | NOAEL   |        | terrestrial | Plant        | NAT   | 3 yr     |               | 1095 d        |                    | F         | 190                 | μg/4 ha            | 190                            |                         | 190                      |
| 43                         | 78875      | 1,2-dichloropropane                                                          | 4491           | Chordata      | Mammalia       | Lagomorpha      | Leporidae       | Oryctolagus | cuniculus   | European rabbit | GRO          | GRO    | GAIN | NOAEL   | LOAEL  | terrestrial | Animal       |       | <13      | d             |               | d                  | A         | 239                 | mg/ml              | 239                            |                         | 239000                   |
| 44                         | 78875      | 1,2-dichloropropane                                                          | 4491           | Chordata      | Mammalia       | Lagomorpha      | Leporidae       | Oryctolagus | cuniculus   | European rabbit | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Animal       |       | <13      | d             |               | d                  | A         | 973                 | mg/ml              | 973                            |                         | 973000                   |
| 45                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | BCM          | BCM    | MCHG | LOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 5                   | mg/kg bw/dwt       | 2                              |                         | 2                        |
| 46                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | BCM          | BCM    | MCHG | LOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 5                   | mg/kg bw/dwt       | 2                              |                         | 2                        |
| 47                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | CEL          | CEL    | RETI | LOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 5                   | mg/kg bw/dwt       | 2                              |                         | 2                        |
| 48                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | CEL          | CEL    | RETI | LOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 5                   | mg/kg bw/dwt       | 2                              |                         | 2                        |
| 49                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 41                  | mg/kg bw/dwt       | 16.4                           |                         | 16.4                     |
| 50                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         | 41                  | mg/kg bw/dwt       | 16.4                           |                         | 16.4                     |
| 51                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 1 yr     |               | 365 d         |                    | F         | 15                  | mg/kg bw/dwt       | 6                              |                         | 6                        |
| 52                         | 542756     | 1,3-dichloropropane (Telone)                                                 | 4928           | Chordata      | Mammalia       | Carnivora       | Canidae         | Canis       | familiaris  | Domestic dog    | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 1 yr     |               | 365 d         |                    | F         | 15                  | mg/kg bw/dwt       | 6                              |                         | 6                        |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                 | Title                                                                                                                                                                           | Source                                             | Publication Year | Comments                                                                                                                                                                                                      |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27                      |                  |                             |                      |                       | L/0.4 ha             | 1              | 27                      |    |          |               |                      |                     |                     | 100      | Field/N  | MT       | NO      | 92898 | Hendrix FF Jr.;Powell WMT              | Control of Root Pathogens in Peach Decline Sites                                                                                                                                | Phytopathology60(1): 16-19                         | 1970             | EXP/OUR/Other durations reported // EDES/Soil samples from Peach Orchard //                                                                                                                                   |
| 28                      |                  |                             |                      |                       | L/ha                 | 3              | 28                      |    |          |               |                      |                     |                     | 94       | Field/N  | DA       | NO      | 93680 | Kotcon JB Loria R;                     | Fall Fungation of Potato with 1,3-Dichloropropene: Efficacy Against <i>Pratylenchus crenatus</i> , Yield Response, and Groundwater Contamination Potential                      | Plant Dis 71(12): 1122-1124                        | 1987             | ORG/Superior cultivar// EE/Total yield// EDES/Location 1. Fungant was shark injected into soil// GENERAL/Nematode populations in soil also noted//                                                            |
| 29                      |                  |                             |                      |                       | m/kg                 | 3              | 29                      |    |          |               |                      |                     |                     | 100      | Field/N  | FU       | NO      | 93647 | Thies WG;Nelson EE;                    | Reduction of <i>Phelinus weili</i> Inoculum in Douglas-Fir Stumps by the Fungigants Chloropicrin, Vorlex, or Methylsulfocyanate                                                 | For Sci 33(2): 316-329                             | 1987             | EDES/application holes sealed, host live Douglas Fir stumps//                                                                                                                                                 |
| 30                      |                  |                             |                      |                       | m/kg                 | 2              | 30                      |    |          |               |                      |                     |                     | 100      | Field/N  | FU       | NO      | 93647 | Thies WG;Nelson EE;                    | Reduction of <i>Phelinus weili</i> Inoculum in Douglas-Fir Stumps by the Fungigants Chloropicrin, Vorlex, or Methylsulfocyanate                                                 | For Sci 33(2): 316-329                             | 1987             | EDES/application holes not sealed, host live Douglas Fir stumps//                                                                                                                                             |
| 31                      |                  |                             |                      |                       | g/litrac             | 3              | 31                      |    |          |               |                      |                     |                     | 90       | Field/N  | FU       | NO      | 63486 | Satunkhe DK;Wu MWu MT;Singh B;         | Effects of Telone and Nemagon on Essential Nutritive Components and the Respiratory Rates of Carrot ( <i>Daucus carota</i> L.) Roots and Sweet Corn ( <i>Zea mays</i> L.) Seeds | J Am Soc Horic Sci 96(3): 357-359                  | 1973             | ORG/cv. Royal Chantenay// EE/B-carotene, total and reducing sugars, total nitrogen also reported// CHAR/90 to 95 % A.I.//                                                                                     |
| 32                      |                  |                             |                      |                       | g/litrac             | 3              | 32                      |    |          |               |                      |                     |                     | 90       | Field/N  | FU       | NO      | 63486 | Satunkhe DK;Wu MWu MT;Singh B;         | Effects of Telone and Nemagon on Essential Nutritive Components and the Respiratory Rates of Carrot ( <i>Daucus carota</i> L.) Roots and Sweet Corn ( <i>Zea mays</i> L.) Seeds | J Am Soc Horic Sci 96(3): 357-359                  | 1973             | ORG/cv. Royal Chantenay// CHAR/90 to 95 % A.I.//                                                                                                                                                              |
| 33                      |                  |                             |                      |                       | g/litrac             | 3              | 33                      |    |          |               |                      |                     |                     | 90       | Field/N  | FU       | NO      | 63486 | Satunkhe DK;Wu MWu MT;Singh B;         | Effects of Telone and Nemagon on Essential Nutritive Components and the Respiratory Rates of Carrot ( <i>Daucus carota</i> L.) Roots and Sweet Corn ( <i>Zea mays</i> L.) Seeds | J Am Soc Horic Sci 96(3): 357-359                  | 1973             | ORG/cv. Ischett// EXP/OUR/harvested at 60 % moisture in seeds// EE/starch, total sugars, total nitrogen also reported// CHAR/90 to 95 % A.I.//                                                                |
| 34                      |                  |                             |                      |                       | g/litrac             | 3              | 34                      |    |          |               |                      |                     |                     | 90       | Field/N  | FU       | NO      | 63486 | Satunkhe DK;Wu MWu MT;Singh B;         | Effects of Telone and Nemagon on Essential Nutritive Components and the Respiratory Rates of Carrot ( <i>Daucus carota</i> L.) Roots and Sweet Corn ( <i>Zea mays</i> L.) Seeds | J Am Soc Horic Sci 96(3): 357-359                  | 1973             | ORG/cv. Ischett// EXP/OUR/harvested at 60 % moisture in seeds// EE/starch, total sugars, total nitrogen also reported// CHAR/90 to 95 % A.I.//                                                                |
| 35                      |                  |                             |                      |                       | mlm-2                | 1              | 35                      |    |          |               |                      |                     |                     | 100      | Lab      | DA       | NO      | 93680 | Graham JH;McGure RG;Miller JW;         | Survival of <i>Xanthomonas campestris</i> pv. Citri in Citrus Plant Debris and Soil in Florida and Georgia                                                                      | Plant Dis 71(12): 1094-1098                        | 1987             | ORG/ozon//                                                                                                                                                                                                    |
| 36                      |                  |                             |                      |                       | L/ha                 | 3              | 36                      |    |          |               |                      |                     |                     | 94       | Field/N  | DA       | NO      | 93680 | Kotcon JB Loria R;                     | Fall Fungation of Potato with 1,3-Dichloropropene: Efficacy Against <i>Pratylenchus crenatus</i> , Yield Response, and Groundwater Contamination Potential                      | Plant Dis 71(12): 1122-1124                        | 1987             | ORG/Superior cultivar// EE/Total yield// EDES/Location 2. Fungant was shark injected into soil// GENERAL/Nematode populations in soil also noted//                                                            |
| 37                      |                  |                             |                      |                       | L/ha                 | 1              | 37                      |    |          |               |                      |                     |                     | 100      | NR       | FU       | NO      | 89246 | Jaiswal SP;Rishi AK;                   | The Effect of Some Fungigants on Growth and Nutrition of Sugarcane                                                                                                              | Sci Cult 34(3): 127-128                            | 1968             | ORG/Co84B// EE/significant increase//                                                                                                                                                                         |
| 38                      |                  |                             |                      |                       | L/ha                 | 1              | 38                      |    |          |               |                      |                     |                     | 100      | NR       | FU       | NO      | 89246 | Jaiswal SP;Rishi AK;                   | The Effect of Some Fungigants on Growth and Nutrition of Sugarcane                                                                                                              | Sci Cult 34(3): 127-128                            | 1968             | ORG/Co84B// EE/phosphorus and potash also reported//                                                                                                                                                          |
| 39                      |                  |                             |                      |                       | L/ha                 | 1              | 39                      |    |          |               |                      |                     |                     | 100      | NR       | FU       | NO      | 89246 | Jaiswal SP;Rishi AK;                   | The Effect of Some Fungigants on Growth and Nutrition of Sugarcane                                                                                                              | Sci Cult 34(3): 127-128                            | 1968             | ORG/Co84B// EE/significant increase, phosphorus and potassium uptake also reported//                                                                                                                          |
| 40                      |                  |                             |                      |                       | L/ha                 | 1              | 40                      |    |          |               |                      |                     |                     | 100      | NR       | FU       | NO      | 89246 | Jaiswal SP;Rishi AK;                   | The Effect of Some Fungigants on Growth and Nutrition of Sugarcane                                                                                                              | Sci Cult 34(3): 127-128                            | 1968             | ORG/Co84B// EE/significant increase//                                                                                                                                                                         |
| 41                      |                  |                             |                      |                       | L/0.4 ha             | 1              | 41                      |    |          |               |                      |                     |                     | 100      | Field/N  | MT       | NO      | 92898 | Hendrix FF Jr.;Powell WMT              | Control of Root Pathogens in Peach Decline Sites                                                                                                                                | Phytopathology60(1): 16-19                         | 1970             | EXP/OUR/Other durations reported // EDES/Soil samples from Peach Orchard //                                                                                                                                   |
| 42                      |                  |                             |                      |                       | L/0.4 ha             | 1              | 42                      |    |          |               |                      |                     |                     | 100      | Field/N  | MT       | NO      | 92898 | Hendrix FF Jr.;Powell WMT              | Control of Root Pathogens in Peach Decline Sites                                                                                                                                | Phytopathology60(1): 16-19                         | 1970             | EXP/OUR/Other durations reported // EET/runk diameter measured 15cm above the soil line//                                                                                                                     |
| 43                      | 476              | 476                         |                      | 478000                | mg/kg bdwt           | 3              | 43                      |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93957 | Dow Chemical Co.;                      | Propylene Dichloride: A 13-Day Repeated Oral Gavage Study in New Zealand White Rabbits with Attached Appendix and Cover Letter Dated 011389                                     | EPA/OTS Doc #86-890000790/ 43 p. INTS/OTS 0516642/ | 1989             | ORG/New Zealand white rabbit, non pregnant// EXP/OUR/study duration 14 days// GENERAL/WGHT, SMX, pathologic and histopathologic observations not coded, no stat// BCF = NR//                                  |
| 44                      |                  |                             |                      |                       | mg/kg bdwt           | 3              | 44                      |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93957 | Dow Chemical Co.;                      | Propylene Dichloride: A 13-Day Repeated Oral Gavage Study in New Zealand White Rabbits with Attached Appendix and Cover Letter Dated 011389                                     | EPA/OTS Doc #86-890000790/ 43 p. INTS/OTS 0516642/ | 1989             | ORG/New Zealand white rabbit, non pregnant// EXP/OUR/study duration 14 days// GENERAL/WGHT, SMX, pathologic and histopathologic observations not coded, no stat//                                             |
| 45                      |                  |                             |                      |                       | ppm                  | 3              | 45                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// EE/corpuscular volume, hemoglobin concentration, hematocrit, hemoglobin also reported// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used// |
| 46                      |                  |                             |                      |                       | ppm                  | 3              | 46                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// EE/corpuscular volume, hemoglobin concentration, hematocrit, hemoglobin also reported// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used// |
| 47                      |                  |                             |                      |                       | ppm                  | 3              | 47                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// EE/neutrophils, erythrocytes, platelets also reported// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                 |
| 48                      |                  |                             |                      |                       | ppm                  | 3              | 48                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// EE/neutrophils, erythrocytes, platelets also reported// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                 |
| 49                      |                  |                             |                      |                       | ppm                  | 3              | 49                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                                                                         |
| 50                      |                  |                             |                      |                       | ppm                  | 3              | 50                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                                                                         |
| 51                      |                  |                             |                      |                       | ppm                  | 3              | 51                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                                                                         |
| 52                      |                  |                             |                      |                       | ppm                  | 3              | 52                      |    |          |               |                      |                     |                     | 40       | Lab      | FD       | NO      | 64517 | Stebbins KE;Quast JF;Haut KT;Stolt WT; | Subchronic and Chronic Toxicity of Ingested 1,3-Dichloropropene in Dogs                                                                                                         | Regul Toxicol Pharmacol 30(3): 233-243             | 1999 Dec         | ORG/beagle// CHAR/microencapsulated in a starch/sucrose matrix// GENERAL/recovery, baseline and clean controls used//                                                                                         |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum        | Class          | Order         | Family        | Genus        | Species    | Common Name  | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|---------------|----------------|---------------|---------------|--------------|------------|--------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 53                         | 8069496    | Telone C 17                  | 16673          | Nemata        | Secernentea    | Tylenchida    | Hoplolaimidae | Pratylenchus | penetrans  | Nematode     | POP          | POP    | ABND | NOAEL   |        | terrestrial | Animal       | NAT   | 125 d    |               | 125 d         |                    | F         | 101 L/ha            |                 | 101                            |                         | 101                      |
| 54                         | 8069496    | Telone C 17                  | 3545           | Magnoliophyta | Magnoliopsida  | Solanales     | Solanaceae    | Nicotiana    | tabacum    | Tobacco      | POP          | POP    | BMAS | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 101 L/ha            |                 | 101                            |                         | 101                      |
| 55                         | 8069496    | Telone C 17                  | 3545           | Magnoliophyta | Magnoliopsida  | Solanales     | Solanaceae    | Nicotiana    | tabacum    | Tobacco      | GRO          | DVP    | MATR | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 101 L/ha            |                 | 101                            |                         | 101                      |
| 56                         | 8069496    | Telone C 17                  | 3545           | Magnoliophyta | Magnoliopsida  | Solanales     | Solanaceae    | Nicotiana    | tabacum    | Tobacco      | GRO          | GRO    | HGHT | NOAEL   |        | terrestrial | Plant        | NAT   | na       | lv            | na            | lv                 | F         | 101 L/ha            |                 | 101                            |                         | 101                      |
| 57                         | 542756     | 1,3-dichloropropene (Telone) | 4928           | Chordata      | Mammalia       | Carnivora     | Canidae       | Canis        | familiaris | Domestic dog | BCM          | BCM    | MCPV | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 mo     |               | 90 d          |                    | F         | 2.5 mg/kg bw/d      | 1               |                                | 1                       |                          |
| 58                         | 542756     | 1,3-dichloropropene (Telone) | 4928           | Chordata      | Mammalia       | Carnivora     | Canidae       | Canis        | familiaris | Domestic dog | BCM          | BCM    | MCPV | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 mo     |               | 90 d          |                    | F         | 2.5 mg/kg bw/d      | 1               |                                | 1                       |                          |
| 59                         | 542756     | 1,3-dichloropropene (Telone) | 4928           | Chordata      | Mammalia       | Carnivora     | Canidae       | Canis        | familiaris | Domestic dog | CEL          | CEL    | RBCE | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 mo     |               | 90 d          |                    | F         | 2.5 mg/kg bw/d      | 1               |                                | 1                       |                          |
| 60                         | 542756     | 1,3-dichloropropene (Telone) | 4928           | Chordata      | Mammalia       | Carnivora     | Canidae       | Canis        | familiaris | Domestic dog | CEL          | CEL    | RBCE | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 mo     |               | 90 d          |                    | F         | 2.5 mg/kg bw/d      | 1               |                                | 1                       |                          |
| 61                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         | 400 Al mg/kg        | 400             |                                | 400                     |                          |
| 62                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | CEL          | HIS    | CNGT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         | 400 Al mg/kg        | 400             |                                | 400                     |                          |
| 63                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata      | Mammalia       | Rodentia      | Muridae       | Mus          | musculus   | House mouse  | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 48 h     |               | 2 d           |                    | F         | 380 mg/kg bw/d      | 349.98          |                                | 349.98                  |                          |
| 64                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata      | Mammalia       | Rodentia      | Muridae       | Mus          | musculus   | House mouse  | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 48 h     |               | 2 d           |                    | F         | 380 mg/kg bw/d      | 349.98          |                                | 349.98                  |                          |
| 65                         | 542756     | 1,3-dichloropropene (Telone) | 4752           | Chordata      | Actinopterygii | Cypriniformes | Cyprinidae    | Leuciscus    | Idus       | Carp         | MOR          | MOR    | MORT | NR-LETH |        | aquatic     | Animal       | FW    | 24 h     |               | 1 d           |                    | F         | 12 mg/L             | 12              |                                | 12                      |                          |
| 66                         | 542756     | 1,3-dichloropropene (Telone) | 4752           | Chordata      | Actinopterygii | Cypriniformes | Cyprinidae    | Leuciscus    | Idus       | Carp         | MOR          | MOR    | MORT | LCS9    |        | aquatic     | Animal       | FW    | 96 h     |               | 4 d           |                    | F         | 9(8 TO 11) mg/L     | 9(8 TO 11)      |                                | 9(8 TO 11)              |                          |
| 67                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | GRO          | GRO    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  | 2 d      |               | 2 d           |                    | F         | 300 mg/kg bw/d      | 299.7           |                                | 299.7                   |                          |
| 68                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 2 d      |               | 2 d           |                    | F         | 300 mg/kg bw/d      | 299.7           |                                | 299.7                   |                          |
| 69                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata      | Mammalia       | Rodentia      | Muridae       | Mus          | musculus   | House mouse  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 5 d      |               | 5 d           |                    | F         | 125 mg/kg           | 125             |                                | 125                     |                          |
| 70                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | BEH          | BEH    | ACTV | NOAEL   |        | terrestrial | Animal       | NONE  | 2 d      |               | 2 d           |                    | F         | 500 mg/kg bw/d      | 499.5           |                                | 499.5                   |                          |
| 71                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | BEH          | BEH    | ACTV | NOAEL   |        | terrestrial | Animal       | NONE  | 2 d      |               | 2 d           |                    | F         | 500 mg/kg bw/d      | 499.5           |                                | 499.5                   |                          |
| 72                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata      | Mammalia       | Rodentia      | Muridae       | Mus          | musculus   | House mouse  | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 5 d      |               | 5 d           |                    | F         | 125 mg/kg           | 125             |                                | 125                     |                          |
| 73                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | PHY          | PHY    | THRG | LOAEL   |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | F         | 300 mg/kg bw/d      | 299.7           |                                | 299.7                   |                          |
| 74                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata      | Mammalia       | Rodentia      | Muridae       | Rattus       | norvegicus | Norway rat   | PHY          | PHY    | THRG | LOAEL   |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | F         | 300 mg/kg bw/d      | 299.7           |                                | 299.7                   |                          |



| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum     | Class        | Order      | Family    | Genus        | Species    | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig     | Conc Units Orig | Conc Value1<br>Purity Adjusted  | Conc Value1<br>Operator | Conc Value1<br>Preferred        |
|----------------------------|------------|------------------------------|----------------|------------|--------------|------------|-----------|--------------|------------|-----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|-------------------------|-----------------|---------------------------------|-------------------------|---------------------------------|
| 76                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 48h      |               | 2d            | F                  |           | 280 mg/kg bw/d          |                 | 266                             |                         | 266                             |
| 77                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | LOAEL   |        | terrestrial | Animal       | NONE  | 48h      |               | 2d            | F                  |           | 187 mg/kg bw/d          |                 | 177.65                          |                         | 177.65                          |
| 78                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | BCM          | BCM    | PLAT | LOAEL   |        | terrestrial | Animal       | NONE  | 2 wk     |               | 14d           | F                  |           | 300 mg/kg bw/d          |                 | 299.7                           |                         | 299.7                           |
| 79                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | CEL          | CEL    | LEUK | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 2 wk     |               | 14d           | F                  |           | 300 mg/kg bw/d          |                 | 299.7                           |                         | 299.7                           |
| 80                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | GRO          | MPH    | SMIX | LOAEL   |        | terrestrial | Animal       | NONE  | 2 wk     |               | 14d           | F                  |           | 300 mg/kg bw/d          |                 | 299.7                           |                         | 299.7                           |
| 81                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | GRO          | MPH    | SMIX | LOAEL   |        | terrestrial | Animal       | NONE  | 2 wk     |               | 14d           | F                  |           | 300 mg/kg bw/d          |                 | 299.7                           |                         | 299.7                           |
| 82                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | PHY          | PHY    | EECG | LOAEL   |        | terrestrial | Animal       | NONE  | 0.5h     |               | 2.08E-02d     | F                  |           | 86 mg/kg                |                 | 85.14                           |                         | 85.14                           |
| 83                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | PHY          | PHY    | EECG | ED50    |        | terrestrial | Animal       | NONE  | 0.5h     |               | 2.08E-02d     | F                  |           | 136.8(51.1<br>TO 219.4) | mg/kg           | 135.432(50.58<br>9 TO 217.206)  |                         | 135.432(50.58<br>9 TO 217.206)  |
| 84                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | PHY          | PHY    | EECG | ED50    |        | terrestrial | Animal       | NONE  | 0.5h     |               | 2.08E-02d     | F                  |           | 231(58.1 TO<br>547.3)   | mg/kg           | 228.69(57.519<br>TO 541.827)    |                         | 228.69(57.519<br>TO 541.827)    |
| 85                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | MOR          | MOR    | MORT | LD50    |        | terrestrial | Animal       | NONE  | 24h      |               | 1d            | F                  |           | 2744(2396<br>TO 5311)   | mg/kg           | 2716.56(2372.<br>04 TO 5257.89) |                         | 2716.56(2372.<br>04 TO 5257.89) |
| 86                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 4d       |               | 4d            | F                  |           | 200 mg/kg               |                 | 200                             |                         | 200                             |
| 87                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | NOAEL   |        | terrestrial | Animal       | NONE  | 4d       |               | 4d            | F                  |           | 250 mg/kg               |                 | 250                             |                         | 250                             |
| 88                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | LOAEL   |        | terrestrial | Animal       | NONE  | 5d       |               | 5d            | F                  |           | 200 mg/kg               |                 | 200                             |                         | 200                             |
| 89                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | CEL          | CEL    | PCCM | LOAEL   |        | terrestrial | Animal       | NONE  | 5d       |               | 5d            | F                  |           | 150 mg/kg               |                 | 150                             |                         | 150                             |
| 90                         | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata   | Mammalia     | Rodentia   | Muridae   | Mus          | musculus   | House mouse     | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 5d       |               | 5d            | F                  |           | 125 mg/kg               |                 | 125                             |                         | 125                             |
| 91                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 28d      |               | 28d           | A                  |           | 980 µg/ml               |                 | 980                             |                         | 980                             |
| 92                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | REP          | REP    | MIDX | NOAEL   |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84d           | A                  |           | 2411 µg/ml              |                 | 2411                            |                         | 2411                            |
| 93                         | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | REP          | REP    | RSEM | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | >=12 wk  |               | >=84 d        | A                  |           | 980 µg/ml               |                 | 980                             |                         | 980                             |
| 94                         | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia     | Lagomorpha | Leporidae | Oryctolagus  | cuniculus  | European rabbit | GRO          | GRO    | GAIN | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 9d       |               | 9d            | F                  |           | 50 mg/kg/d              |                 | 49.95                           |                         | 49.95                           |
| 95                         | 78875      | 1,2-dichloropropane          | 142            | Arthropoda | Malacostraca | MySIDa     | MySIDae   | Americamysis | bahia      | Opossum shrimp  | MOR          | MOR    | MORT | NOEC    | MATC   | aquatic     | Animal       | SW    | 28d      |               | 28d           | A                  |           | 4.09 mg/L               |                 | 4.09                            |                         | 4.09                            |
| 96                         | 78875      | 1,2-dichloropropane          | 142            | Arthropoda | Malacostraca | MySIDa     | MySIDae   | Americamysis | bahia      | Opossum shrimp  | REP          | REP    | PROG | NOEC    | MATC   | aquatic     | Animal       | SW    | 28d      |               | 28d           | A                  |           | 4.09 mg/L               |                 | 4.09                            |                         | 4.09                            |
| 97                         | 78875      | 1,2-dichloropropane          | 142            | Arthropoda | Malacostraca | MySIDa     | MySIDae   | Americamysis | bahia      | Opossum shrimp  | GRO          | GRO    | LGTH | NOEC    | MATC   | aquatic     | Animal       | SW    | 28d      |               | 28d           | A                  |           | 4.09 mg/L               |                 | 4.09                            |                         | 4.09                            |
| 98                         | 78875      | 1,2-dichloropropane          | 142            | Arthropoda | Malacostraca | MySIDa     | MySIDae   | Americamysis | bahia      | Opossum shrimp  | GRO          | GRO    | LGTH | NOEC    | MATC   | aquatic     | Animal       | SW    | 28d      |               | 28d           | A                  |           | 4.09 mg/L               |                 | 4.09                            |                         | 4.09                            |
| 99                         | 142289     | 1,3-dichloropropane          | 4510           | Chordata   | Mammalia     | Rodentia   | Muridae   | Rattus       | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Animal       | NONE  | <1 wk    |               | d             | F                  |           | 1800 mg/kg bw/d         |                 | 1800                            |                         | 1800                            |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH         | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                                   | Title                                                                                                                                                                                                                                                           | Source                                                 | Publication Year | Comments                                                                                                                                                                                                                                                                              |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|------------|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76                      |                  |                             |                      |                       | ppm                  | 2              | 76                      |            |          |               |                      |                     |                     |          | 95.Lab   | DT       | NO      | 86667 | Kevekordes S; Gebel T; Pav K; Edenharder R; Dunkelberg H | Genotoxicity of Selected Pesticides in the Mouse Bone-Marrow Micronucleus Test and in the Sister-Chromatid Exchange Test with Human Lymphocytes In Vitro                                                                                                        | 89(1): 35-42                                           | 1996             | ORG/25 to 35 g. NMRI/ EXPDUR/After 48 hrs mice were killed/ EE/micronuclei per 1000 polychromatic erythrocytes, number polychromatic per normochromatic erythrocytes also reported/ noisil/ EDES/Std ad libitum, relative humidity 55%, 12 hr day night cycles/ GENERAL/CONTRV./P/III |
| 77                      |                  |                             |                      |                       | ppm                  | 2              | 77                      |            |          |               |                      |                     |                     |          | 95.Lab   | DT       | NO      | 86667 | Kevekordes S; Gebel T; Pav K; Edenharder R; Dunkelberg H | Genotoxicity of Selected Pesticides in the Mouse Bone-Marrow Micronucleus Test and in the Sister-Chromatid Exchange Test with Human Lymphocytes In Vitro                                                                                                        | 89(1): 35-42                                           | 1996             | ORG/25 to 35 g. NMRI/ EXPDUR/After 48 hrs mice were killed/ EE/micronuclei per 1000 polychromatic erythrocytes, number polychromatic per normochromatic erythrocytes also reported/ noisil/ EDES/Std ad libitum, relative humidity 55%, 12 hr day night cycles/ GENERAL/CONTRV./P/III |
| 78                      |                  |                             |                      |                       | mg/kg bw/d           | 2              | 78                      |            |          |               |                      |                     |                     |          | 99.9.Lab | GV       | NO      | 93895 | Dow Chemical Co.                                         | Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane via Gavage for 2 Weeks with Cover Letter Dated 022389                                                                                                                           | EPA/OTS Doc #86-8900001250: 53 p. (NTIS/OTS 0517725).  | 1989             | ORG/Fischer 344/ EDES/Male and Female data analyzed separately./                                                                                                                                                                                                                      |
| 79                      | 500              | 499.5                       |                      | 499.5                 | mg/kg bw/d           | 2              | 79                      |            |          |               |                      |                     |                     |          | 99.9.Lab | GV       | NO      | 93895 | Dow Chemical Co.                                         | Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane via Gavage for 2 Weeks with Cover Letter Dated 022389                                                                                                                           | EPA/OTS Doc #86-8900001250: 53 p. (NTIS/OTS 0517725).  | 1989             | ORG/Fischer 344/ EDES/Male and Female data analyzed separately./                                                                                                                                                                                                                      |
| 80                      |                  |                             |                      |                       | mg/kg bw/d           | 2              | 80                      |            |          |               |                      |                     |                     |          | 99.9.Lab | GV       | NO      | 93895 | Dow Chemical Co.                                         | Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane via Gavage for 2 Weeks with Cover Letter Dated 022389                                                                                                                           | EPA/OTS Doc #86-8900001250: 53 p. (NTIS/OTS 0517725).  | 1989             | ORG/Fischer 344/ EDES/Male and Female data analyzed separately./                                                                                                                                                                                                                      |
| 81                      |                  |                             |                      |                       | mg/kg bw/d           | 2              | 81                      |            |          |               |                      |                     |                     |          | 99.9.Lab | GV       | NO      | 93895 | Dow Chemical Co.                                         | Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane via Gavage for 2 Weeks with Cover Letter Dated 022389                                                                                                                           | EPA/OTS Doc #86-8900001250: 53 p. (NTIS/OTS 0517725).  | 1989             | ORG/Fischer 344/ EDES/Male and Female data analyzed separately./                                                                                                                                                                                                                      |
| 82                      |                  |                             |                      |                       | mg/kg                | 4              | 82                      |            |          |               |                      |                     |                     |          | 99.Lab   | IP       | NO      | 77998 | Herr DW; Boyes WK                                        | A Comparison of the Acute Neuroactive Effects of Dichloromethane, 1,3-Dichloropropane, and 1,2-Dichlorobenzene on Rat Flash Evoked Potentials (FEPs)                                                                                                            | Fundam Appl Toxicol 35(1): 31-48                       | 1997             | ORG/Long Evans, naive/ EXPDUR/other durations reported/ EE/amplitude of FEP N160 peak, other peaks, latency also reported/ GENERAL/B.V controls used/                                                                                                                                 |
| 83                      |                  |                             |                      |                       | mg/kg                | 4              | 83                      |            |          |               |                      |                     |                     |          | 99.Lab   | IP       | NO      | 77998 | Herr DW; Boyes WK                                        | A Comparison of the Acute Neuroactive Effects of Dichloromethane, 1,3-Dichloropropane, and 1,2-Dichlorobenzene on Rat Flash Evoked Potentials (FEPs)                                                                                                            | Fundam Appl Toxicol 35(1): 31-48                       | 1997             | ORG/Long Evans, naive/ EXPDUR/other durations reported/ EE/amplitude of FEP N160 peak/ GENERAL/B.V controls used/                                                                                                                                                                     |
| 84                      |                  |                             |                      |                       | mg/kg                | 4              | 84                      |            |          |               |                      |                     |                     |          | 99.Lab   | IP       | NO      | 77998 | Herr DW; Boyes WK                                        | A Comparison of the Acute Neuroactive Effects of Dichloromethane, 1,3-Dichloropropane, and 1,2-Dichlorobenzene on Rat Flash Evoked Potentials (FEPs)                                                                                                            | Fundam Appl Toxicol 35(1): 31-48                       | 1997             | ORG/Long Evans, naive/ EXPDUR/other durations reported/ EE/amplitude of FEP N30 peak/ GENERAL/B.V controls used/                                                                                                                                                                      |
| 85                      |                  |                             |                      |                       | mg/kg                | 6              | 85                      |            |          |               |                      |                     |                     |          | 99.Lab   | IP       | NO      | 77998 | Herr DW; Boyes WK                                        | A Comparison of the Acute Neuroactive Effects of Dichloromethane, 1,3-Dichloropropane, and 1,2-Dichlorobenzene on Rat Flash Evoked Potentials (FEPs)                                                                                                            | Fundam Appl Toxicol 35(1): 31-48                       | 1997             | EE/range finding study/                                                                                                                                                                                                                                                               |
| 86                      |                  |                             |                      |                       | mg/kg                | 3              | 86                      |            |          |               |                      |                     |                     |          | 100.Lab  | IP       | NO      | 86098 | Shelley MD; Erexson GL; Hook G.J; Tice RR                | Evaluation of a Three-Exposure Mouse Bone Marrow Micronucleus Protocol: Results with 49 Chemicals                                                                                                                                                               | Environ Mol Mutagen 21(2): 160-179                     | 1993             | ORG/B6C3F1, 25 to 33 g/ EDESMN induction experiment/                                                                                                                                                                                                                                  |
| 87                      |                  |                             |                      |                       | mg/kg                | 3              | 87                      |            |          |               |                      |                     |                     |          | 100.Lab  | IP       | NO      | 86098 | Shelley MD; Erexson GL; Hook G.J; Tice HR                | Evaluation of a Three-Exposure Mouse Bone Marrow Micronucleus Protocol: Results with 49 Chemicals                                                                                                                                                               | Environ Mol Mutagen 21(2): 160-179                     | 1993             | ORG/B6C3F1, 25 to 33 g/ EDESMN induction experiment/                                                                                                                                                                                                                                  |
| 88                      |                  |                             |                      |                       | mg/kg                | 2              | 88                      |            |          |               |                      |                     |                     |          | 100.Lab  | IP       | NO      | 86098 | Shelley MD; Erexson GL; Hook G.J; Tice HR                | Evaluation of a Three-Exposure Mouse Bone Marrow Micronucleus Protocol: Results with 49 Chemicals                                                                                                                                                               | Environ Mol Mutagen 21(2): 160-179                     | 1993             | ORG/B6C3F1, 25 to 33 g/ EDESMN induction experiment/                                                                                                                                                                                                                                  |
| 89                      |                  |                             |                      |                       | mg/kg                | 2              | 89                      |            |          |               |                      |                     |                     |          | 100.Lab  | IP       | NO      | 86098 | Shelley MD; Erexson GL; Hook G.J; Tice HR                | Evaluation of a Three-Exposure Mouse Bone Marrow Micronucleus Protocol: Results with 49 Chemicals                                                                                                                                                               | Environ Mol Mutagen 21(2): 160-179                     | 1993             | ORG/B6C3F1, 25 to 33 g/ EDESMN induction experiment/                                                                                                                                                                                                                                  |
| 90                      |                  |                             |                      |                       | mg/kg                | 3              | 90                      |            |          |               |                      |                     |                     |          | 100.Lab  | IP       | NO      | 86098 | Shelley MD; Erexson GL; Hook G.J; Tice RR                | Evaluation of a Three-Exposure Mouse Bone Marrow Micronucleus Protocol: Results with 49 Chemicals                                                                                                                                                               | Environ Mol Mutagen 21(2): 160-179                     | 1993             | ORG/B6C3F1, 25 to 33 g/ EDESMN induction experiment/                                                                                                                                                                                                                                  |
| 91                      | 241.1            | 241.1                       |                      | 241.1                 | ppm                  | 3              | 91                      |            |          |               |                      |                     |                     |          | 99.9.Lab | DR       | NO      | 93958 | Dow Chemical Co.                                         | Propylene Dichloride: Dominant Lethal Study in Sprague-Dawley Rats (Final) with Cover Letters                                                                                                                                                                   | EPA/OTS Doc #40-89672000: 113 p. (NTIS/OTS 0527736).   | 1989             | ORG/Sprague Dawley/ EXPDUR/other durations also reported/ EE/alpha=0.05/ EDES/normal concentrations 0.024, 0.10, 0.24 % w/v/                                                                                                                                                          |
| 92                      |                  |                             |                      |                       | ppm                  | 3              | 92                      |            |          |               |                      |                     |                     |          | 99.9.Lab | DR       | NO      | 93958 | Dow Chemical Co.                                         | Propylene Dichloride: Dominant Lethal Study in Sprague-Dawley Rats (Final) with Cover Letters                                                                                                                                                                   | EPA/OTS Doc #40-89672000: 113 p. (NTIS/OTS 0527736).   | 1989             | ORG/Sprague Dawley/ EE/alpha=0.05, fertility index, conception index, implantations, corpora lutea, litter size also reported/ EDES/normal concentrations 0.024, 0.10, 0.24 % w/v/                                                                                                    |
| 93                      | 241.1            | 241.1                       |                      | 241.1                 | ppm                  | 3              | 93                      |            |          |               |                      |                     |                     |          | 99.9.Lab | DR       | NO      | 93958 | Dow Chemical Co.                                         | Propylene Dichloride: Dominant Lethal Study in Sprague-Dawley Rats (Final) with Cover Letters                                                                                                                                                                   | EPA/OTS Doc #40-89672000: 113 p. (NTIS/OTS 0527736).   | 1989             | ORG/Sprague Dawley/ EE/alpha=0.05, no clear dose response, pre-implantation, litters also reported/ EDES/normal concentrations 0.024, 0.10, 0.24 % w/v/ GENERAL/littered females mated to treated males, first mating period/                                                         |
| 94                      | 150              | 149.85                      |                      | 149.85                | mg/kg bw/d           | 3              | 94                      |            |          |               |                      |                     |                     |          | 99.9.Lab | GV       | NO      | 84128 | Shell Oil Co.                                            | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 03/02/82 and Attachment 1,2-Dichloropropane: Chronic Toxicity to the Myeloid Under Flow Through Conditions with Cover Letter | EPA/OTS Doc #88-8200028990: 222 p. (NTIS/OTS 0538458). | 1992             | ORG/Pregnant New Zealand White rabbits, 0.5 to 4.5g./ EXPDUR/Exposure was on days 7 through 19 of gestation./                                                                                                                                                                         |
| 95                      | 4.09             | 4.09>                       |                      | 4.09                  | mg/L                 | 5              | 95                      | 7.3 to 8.3 |          |               |                      |                     |                     |          | 99.9.Lab | F        | NO      | 93893 | Dow Chemical Co.                                         | 1,2-Dichloropropane: Chronic Toxicity to the Myeloid Under Flow Through Conditions with Cover Letter                                                                                                                                                            | EPA/OTS Doc #40-89671990: 46 p. (NTIS/OTS 0527735).    | 1989             | EE/F survival also reported/                                                                                                                                                                                                                                                          |
| 96                      | 4.09             | 4.09>                       |                      | 4.09                  | mg/L                 | 5              | 96                      | 7.3 to 8.3 |          |               |                      |                     |                     |          | 99.9.Lab | F        | NO      | 93893 | Dow Chemical Co.                                         | 1,2-Dichloropropane: Chronic Toxicity to the Myeloid Under Flow Through Conditions with Cover Letter                                                                                                                                                            | EPA/OTS Doc #40-89671990: 46 p. (NTIS/OTS 0527735).    | 1989             | EE/brood release time, number of paired females, progeny per paired females also reported/                                                                                                                                                                                            |
| 97                      | 4.09             | 4.09>                       |                      | 4.09                  | mg/L                 | 5              | 97                      | 7.3 to 8.3 |          |               |                      |                     |                     |          | 99.9.Lab | F        | NO      | 93893 | Dow Chemical Co.                                         | 1,2-Dichloropropane: Chronic Toxicity to the Myeloid Under Flow Through Conditions with Cover Letter                                                                                                                                                            | EPA/OTS Doc #40-89671990: 46 p. (NTIS/OTS 0527735).    | 1989             | EE/total, dry weight also reported/                                                                                                                                                                                                                                                   |
| 98                      | 4.09             | 4.09>                       |                      | 4.09                  | mg/L                 | 5              | 98                      | 7.3 to 8.3 |          |               |                      |                     |                     |          | 99.9.Lab | F        | NO      | 93893 | Dow Chemical Co.                                         | 1,2-Dichloropropane: Chronic Toxicity to the Myeloid Under Flow Through Conditions with Cover Letter                                                                                                                                                            | EPA/OTS Doc #40-89671990: 46 p. (NTIS/OTS 0527735).    | 1989             | EE/total, dry weight also reported/                                                                                                                                                                                                                                                   |
| 99                      |                  |                             |                      |                       | mg/kg bw/d           | 3              | 99                      |            |          |               |                      |                     |                     |          | 100.Lab  | GV       | NO      | 93642 | Termi JB; Robinson M; Wake GW; Billups L.H.              | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                                                                                                                                                     | J Am Coll Toxicol 10(4): 421-430                       | 1991             | ORG/Sprague Dawley derived C57BL/6J Subacute study/ GENERAL/Toxicity symptoms reported/                                                                                                                                                                                               |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order    | Family  | Genus  | Species    | Common Name | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units<br>Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|----------|----------|----------|---------|--------|------------|-------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|--------------------|--------------------------------|-------------------------|--------------------------|
| 100                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | KCON | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 101                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | PRTL | LOAEL   |        | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 102                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 600 mg/kg bw/d     |                                | 600                     | 600                      |
| 103                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 600 mg/kg bw/d     |                                | 600                     | 600                      |
| 104                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 25 d     |               | 25 d          |                    | F         |                     | 100 mg/kg bw/d     |                                | 96.5                    | 96.5                     |
| 105                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 12 d     |               | 12 d          |                    | F         |                     | 100 mg/kg bw/d     |                                | 96.5                    | 96.5                     |
| 106                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 107                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | ENZ    | ALPH | NOAEL   |        | terrestrial | Animal       | NONE  | 3 d      |               | 3 d           |                    | F         |                     | 100 mg/kg bw/d     |                                | 96.5                    | 96.5                     |
| 108                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | ENZ    | AATT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 109                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | ENZ    | AATT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 110                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | ALBM | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 50 mg/kg bw/d      |                                | 50                      | 50                       |
| 111                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | ALBM | NOAEL   |        | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 800 mg/kg bw/d     |                                | 800                     | 800                      |
| 112                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 113                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 800 mg/kg bw/d     |                                | 800                     | 800                      |
| 114                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 50 mg/kg bw/d      |                                | 50                      | 50                       |
| 115                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 50 mg/kg bw/d      |                                | 50                      | 50                       |
| 116                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 90 d     |               | 90 d          |                    | F         |                     | 800 mg/kg bw/d     |                                | 800                     | 800                      |
| 117                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | HRM    | GHRM | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 d      |               | 3 d           |                    | F         |                     | 12.5 mg/kg bw/d    |                                | 12.0625                 | 12.0625                  |
| 118                        | 142289     | 1,3-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | F         |                     | 200 mg/kg bw/d     |                                | 200                     | 200                      |
| 119                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | HRM    | GHRM | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 12 d     |               | 12 d          |                    | F         |                     | 12.5 mg/kg bw/d    |                                | 12.0625                 | 12.0625                  |
| 120                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | HIS    | PRLF | LOAEL   |        | terrestrial | Animal       | NONE  | 12 d     |               | 12 d          |                    | F         |                     | 100 mg/kg bw/d     |                                | 96.5                    | 96.5                     |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                    | Title                                                                                                                              | Source                                            | Publication Year | Comments                                                                                                                                                                                                                                       |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 100                     |                  | 600                         |                      | 600                   | mg/kg bw/d           | 3              | 100                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/Also measured Albumin, total protein and BUN// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported//                                                             |
| 101                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 101                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/Also measured Albumin, total protein and BUN// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported//                                                             |
| 102                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 102                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/No data reported for 1800 mg/kg bw/d dose as all organisms died prior to the end of the study// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported//            |
| 103                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 103                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/No data reported for 1800 mg/kg bw/d dose as all organisms died prior to the end of the study// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported//            |
| 104                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 104                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EDES/First group of rats tested// GENERAL/Inhalation data also reported. Individual rat data without stats also reported.                                       |
| 105                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 105                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EDES/First group of rats tested// GENERAL/Inhalation data also reported. Individual rat data without stats also reported.                                       |
| 106                     | 600              | 600                         |                      | 600                   | mg/kg bw/d           | 3              | 106                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/No data reported for 1800 mg/kg bw/d dose as all organisms died prior to the end of the study// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported// BCF = N9// |
| 107                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 107                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EDES/First group of rats tested // GENERAL/Inhalation data also reported. Individual rat data without stats also reported.                                      |
| 108                     | 800              | 800                         |                      | 800                   | mg/kg bw/d           | 3              | 108                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 109                     | 800              | 800                         |                      | 800                   | mg/kg bw/d           | 3              | 109                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 110                     | 200              | 200                         |                      | 200                   | mg/kg bw/d           | 3              | 110                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 111                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 111                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/No clear dose response// EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                           |
| 112                     | 800              | 800                         |                      | 800                   | mg/kg bw/d           | 3              | 112                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 113                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 113                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 114                     | 200              | 200                         |                      | 200                   | mg/kg bw/d           | 3              | 114                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 115                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 115                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 116                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 116                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/ EDES/Subchronic study, males and females analyzed separately// BCF = N9//                                                                                                                                      |
| 117                     | 25               | 24.125                      |                      | 24.125                | mg/kg bw/d           | 4              | 117                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EDES/First group of rats tested// GENERAL/Inhalation data also reported. Individual rat data without stats also reported.                                       |
| 118                     | 600              | 600                         |                      | 600                   | mg/kg bw/d           | 3              | 118                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 93642 | Terrill JB,Robinson M,Wolfe GW,Billups LH | The Subacute and Subchronic Oral Toxicity of 1,3-Dichloropropane in the Rat                                                        | J Am Coll Toxicol 10(4): 421-430                  | 1991             | ORO/Sprague-Dawley derived CD1/EE/No data reported for 1800 mg/kg bw/d dose as all organisms died prior to the end of the study// EDES/Subacute study, males and females analyzed separately// GENERAL/Toxicity symptoms reported// BCF = N9// |
| 119                     | 25               | 24.125                      |                      | 24.125                | mg/kg bw/d           | 4              | 119                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EDES/First group of rats tested// GENERAL/Inhalation data also reported. Individual rat data without stats also reported.                                       |
| 120                     |                  |                             |                      |                       | mg/kg bw/d           | 1              | 120                     |    |          |               |                      |                     |                     | 96.5     | Lab      | GV       | NO      | 93896 | Dow Corning Chemical Co.,                 | 1,3-Dichloropropane: Mechanism of Tumorigenicity Studies in Male B6C3F1 Mice and Fisher 344 Rats, with Cover Letter Dated 9/1/1998 | EPA/OTS Doc #H980001770: 201 p. NITS/OTS 0559612. | 1998             | ORO/Fischer 344 from Charles River Lab/ EXPDUR/Additional durations reported// EE/Peritoneal region. BODU mean percentages. Apoptosis also reported// GENERAL/Inhalation data also reported. Individual rat data without stats also reported.  |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum        | Class         | Order          | Family     | Genus       | Species    | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |        |
|----------------------------|------------|------------------------------|----------------|---------------|---------------|----------------|------------|-------------|------------|-----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|--------|
| 121                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | GRO          | MPH    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d     |                                | 149.85                  |                          | 149.85 |
| 122                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | CEL          | CEL    | RBCE | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d      |                                | 49.95                   |                          | 49.95  |
| 123                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | BCM          | BCM    | HMCT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d      |                                | 49.95                   |                          | 49.95  |
| 124                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d      |                                | 49.95                   |                          | 49.95  |
| 125                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d     |                                | 149.85                  |                          | 149.85 |
| 126                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | REP          | REP    | ABRT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d     |                                | 149.85                  |                          | 149.85 |
| 127                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d      |                                | 49.95                   |                          | 49.95  |
| 128                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d     |                                | 149.85                  |                          | 149.85 |
| 129                        | 8065723    | Telone PBC                   | 11298          | Myxomycota    | Phycomycota   | Peronosporales | Pythiaceae | Pythium     | sp.        | Fungi           | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 180 d    |               | 180 d         |                    | F         |                     | 190 L/0.4 ha    |                                | 190                     |                          | 190    |
| 130                        | 8065723    | Telone PBC                   | 1161           | Nemata        | NR            | NR             | NR         | NR          | Nemata     | Nematode phylum | POP          | POP    | ABND | NOAEL   |        | terrestrial | Animal       | NAT   | 180 d    |               | 180 d         |                    | F         |                     | 190 L/0.4 ha    |                                | 190                     |                          | 190    |
| 131                        | 8065723    | Telone PBC                   | 3786           | Magnoliophyta | Magnoliopsida | Rosales        | Rosaceae   | Prunus      | persica    | Peach           | GRO          | MPH    | DMTR | NOAEL   |        | terrestrial | Plant        | NAT   | 3 yr     |               | 1095 d        |                    | F         |                     | 190 L/0.4 ha    |                                | 190                     |                          | 190    |
| 132                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | CEL          | GEN    | DAMG | LOAEL   |        | terrestrial | Animal       | NONE  | 21 h     |               | 0.875 d       |                    | F         |                     | 282 mg/kg       |                                | 282                     |                          | 282    |
| 133                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | ORDC | LOAEL   |        | terrestrial | Animal       | NONE  | 21 h     |               | 0.875 d       |                    | F         |                     | 282 mg/kg       |                                | 282                     |                          | 282    |
| 134                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 21 h     |               | 0.875 d       |                    | F         |                     | 94 mg/kg        |                                | 94                      |                          | 94     |
| 135                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | CEL          | GEN    | DAMG | LOAEL   |        | terrestrial | Animal       | NONE  | 21 h     |               | 0.875 d       |                    | F         |                     | 94 mg/kg        |                                | 94                      |                          | 94     |
| 136                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | ORDC | LOAEL   |        | terrestrial | Animal       | NONE  | 21 h     |               | 0.875 d       |                    | F         |                     | 94 mg/kg        |                                | 94                      |                          | 94     |
| 137                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata      | Mammalia      | Lagomorpha     | Leporidae  | Oryctolagus | cuniculus  | European rabbit | GRO          | MPH    | ABNM | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d      |                                | 49.95                   |                          | 49.95  |
| 138                        | 142289     | 1,3-dichloropropane          | 4913           | Chordata      | Mammalia      | Rodentia       | Muridae    | Mus         | musculus   | House mouse     | BCM          | BCM    | TRIG | ID50    |        | terrestrial | Animal       | NONE  | 2 h      |               | 8.33E-02 d    |                    | F         |                     | 0.6 g/kg        |                                | 0.6                     |                          | 600    |
| 139                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | CRTN | NOAEL   |        | terrestrial | Animal       | NONE  | 24 h     |               | 1 d           |                    | F         |                     | 75 mg/kg        |                                | 75                      |                          | 75     |
| 140                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata      | Mammalia      | Rodentia       | Muridae    | Rattus      | norvegicus | Norway rat      | PHY          | PHY    | EXCR | NOAEL   |        | terrestrial | Animal       | NONE  | 24 h     |               | 1 d           |                    | F         |                     | 75 mg/kg        |                                | 75                      |                          | 75     |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                          | Title                                                                                                                                                    | Source                                                | Publication Year | Comments                                                                                                                                                                                                                                                                                                                 |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 121                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 121                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report with Cover Letter Dated 051692 and Attachment  | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation.// EE/kidney and spleen weights also reported.//                                                                                                              |
| 122                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwket          | 3              | 122                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report with Cover Letter Dated 051692 and Attachment  | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation.// EE/Whit blood cell, platelet, and other cellular effects also reported.//                                                                                  |
| 123                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwket          | 3              | 123                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report with Cover Letter Dated 051692 and Attachment  | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation.// EE/Hemoglobin effects also reported.//                                                                                                                     |
| 124                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 124                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 051692 and Attachment | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Observations made at the time of Cesarean section.//                                                                           |
| 125                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 125                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 051692 and Attachment | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Observations made at the time of Cesarean section.//                                                                           |
| 126                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 126                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 051692 and Attachment | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EE/number of litters aborted. Other reproductive effects also reported.// EDES/Observations made at the time of Cesarean section.// |
| 127                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 127                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 051692 and Attachment | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Observations made at the time of Cesarean section.//                                                                           |
| 128                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 128                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report) with Cover Letter Dated 051692 and Attachment | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Observations made at the time of Cesarean section.//                                                                           |
| 129                     |                  |                             |                      |                       | LD 4 ha              | 3              | 129                     |    |          |               |                      |                     |                     | 100      | FieldH   | MT       | NO      | 93986 | Hendrix FF Jr.;Powell WM;       | Control of Root Pathogens in Peach Decline Sites                                                                                                         | Phytopathology60(1): 16-19                            | 1970             | EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Soil samples from Peach Orchard.//                                                                                                                                                   |
| 130                     |                  |                             |                      |                       | LD 4 ha              | 3              | 130                     |    |          |               |                      |                     |                     | 100      | FieldH   | MT       | NO      | 93986 | Hendrix FF Jr.;Powell WM;       | Control of Root Pathogens in Peach Decline Sites                                                                                                         | Phytopathology60(1): 16-19                            | 1970             | EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Soil samples from Peach Orchard.//                                                                                                                                                   |
| 131                     |                  |                             |                      |                       | LD 4 ha              | 3              | 131                     |    |          |               |                      |                     |                     | 100      | FieldH   | MT       | NO      | 93986 | Hendrix FF Jr.;Powell WM;       | Control of Root Pathogens in Peach Decline Sites                                                                                                         | Phytopathology60(1): 16-19                            | 1970             | EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EDES/Trunk diameter measured 15cm above the soil line.//                                                                                                                                  |
| 132                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 132                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 70486 | Kichin KT.Brown J.;Kulkarni AP; | Predicting Rodent Carcinogenicity of Halogenated Hydrocarbons by In Vivo Biochemical Parameters                                                          | Teratog Carcinog Mutagen 13(4): 167-184               | 1993             | ORG/Sprague Dawley/ EDES/second dose administered 17 hours after the first dose// BCF = NBI                                                                                                                                                                                                                              |
| 133                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 133                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 70486 | Kichin KT.Brown J.;Kulkarni AP; | Predicting Rodent Carcinogenicity of Halogenated Hydrocarbons by In Vivo Biochemical Parameters                                                          | Teratog Carcinog Mutagen 13(4): 167-184               | 1993             | ORG/Sprague Dawley/ EDES/second dose administered 17 hours after the first dose// BCF = NBI                                                                                                                                                                                                                              |
| 134                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 134                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 70486 | Kichin KT.Brown J.;Kulkarni AP; | Predicting Rodent Carcinogenicity of Halogenated Hydrocarbons by In Vivo Biochemical Parameters                                                          | Teratog Carcinog Mutagen 13(4): 167-184               | 1993             | ORG/Sprague Dawley/ EDES/second dose administered 17 hours after the first dose// BCF = NBI                                                                                                                                                                                                                              |
| 135                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 135                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 70486 | Kichin KT.Brown J.;Kulkarni AP; | Predicting Rodent Carcinogenicity of Halogenated Hydrocarbons by In Vivo Biochemical Parameters                                                          | Teratog Carcinog Mutagen 13(4): 167-184               | 1993             | ORG/Sprague Dawley/ EDES/second dose administered 17 hours after the first dose// BCF = NBI                                                                                                                                                                                                                              |
| 136                     |                  |                             |                      |                       | mg/kg bwket          | 3              | 136                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 70486 | Kichin KT.Brown J.;Kulkarni AP; | Predicting Rodent Carcinogenicity of Halogenated Hydrocarbons by In Vivo Biochemical Parameters                                                          | Teratog Carcinog Mutagen 13(4): 167-184               | 1993             | ORG/Sprague Dawley/ EDES/second dose administered 17 hours after the first dose// BCF = NBI                                                                                                                                                                                                                              |
| 137                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwket          | 3              | 137                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94128 | Shell Oil Co.;                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits (Final Report with Cover Letter Dated 051692 and Attachment  | EPA/OTS Doc #88-9200020990; 232 p. NITS/OTS 0539458). | 1992             | ORG/Pregnant New Zealand White rabbits, 3.5 to 4.5g./ EXPDURExposure was on days 7 through 19 of gestation. Mothers were sacrificed on day 28 of gestation after Cesarean section.// EE/Still abnormality. Other skeletal abnormalities also reported.// EDES/Observations made at the time of Cesarean section.//       |
| 138                     |                  |                             |                      |                       | gpm                  | 3              | 138                     |    |          |               |                      |                     |                     | 100      | Lab      | DT       | NO      | 93986 | Selan FM;Evans MA;              | Effect of Chlorinated Alkanes on Hepatic Triglyceride Secretion                                                                                          | Res Commun Chem Pathol Pharmacol 55(2): 249-270       | 1987             | ORG/Swiss Webster/ EE/in vivo rat studies/ EDES/Pretreated with Triton WR 1339/ BCF = NBI                                                                                                                                                                                                                                |
| 139                     |                  |                             |                      |                       | mg/kg                | 3              | 139                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 93653 | Osterloh J.;Xwen H;             | Effects of 1,3-Dichloropropene on the Kidney of Fisher 344 Rats After Pretreatment with Diethyl Maleate, Butionine Sulfoximine, and Aminooxyacetic Acid  | J Toxicol Environ Health28(3): 247-255                | 1990             | ORG/Fisher 344/ EE/Phosphorus and protein in urine also reported.// EDES/Com of pretreatment.// GENERAL/Other pretreatments also reported (aminooxyacetic acid, butionine sulfoximine, and diethyl maleate). Chemical metabolite also reported in urine.//                                                               |
| 140                     |                  |                             |                      |                       | mg/kg                | 3              | 140                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 93653 | Osterloh J.;Xwen H;             | Effects of 1,3-Dichloropropene on the Kidney of Fisher 344 Rats After Pretreatment with Diethyl Maleate, Butionine Sulfoximine, and Aminooxyacetic Acid  | J Toxicol Environ Health28(3): 247-255                | 1990             | ORG/Fisher 344/ EDES/Com of pretreatment.// GENERAL/Other pretreatments also reported (aminooxyacetic acid, butionine sulfoximine, and diethyl maleate). Chemical metabolite also reported in urine.//                                                                                                                   |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order    | Family  | Genus  | Species    | Common Name | Effect Group | Effect | Meas | Endpt1  | Endpt2  | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |      |
|----------------------------|------------|------------------------------|----------------|----------|----------|----------|---------|--------|------------|-------------|--------------|--------|------|---------|---------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|------|
| 141                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | ENZ    | ATYL | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 24 h     |               | 1 d           |                    | F         |                     | 50 mg/kg        |                                | 50                      |                          | 50   |
| 142                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | SURV | NOAEL   |         | terrestrial | Animal       | NONE  | 104 wk   |               | 728 d         |                    | F         |                     | 50 mg/kg bdwt   |                                | 50                      |                          | 50   |
| 143                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | SURV | NOAEL   |         | terrestrial | Animal       | NONE  | 104 wk   |               | 728 d         |                    | F         |                     | 50 mg/kg bdwt   |                                | 50                      |                          | 50   |
| 144                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | HIS    | LESI | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 104 wk   |               | 728 d         |                    | F         |                     | 25 mg/kg bdwt   |                                | 25                      |                          | 25   |
| 145                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | HIS    | LESI | LOAEL   |         | terrestrial | Animal       | NONE  | 104 wk   |               | 728 d         |                    | F         |                     | 25 mg/kg bdwt   |                                | 25                      |                          | 25   |
| 146                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | SURV | NOAEL   |         | terrestrial | Animal       | NONE  | 100 wk   |               | 700 d         |                    | F         |                     | 100 mg/kg bdwt  |                                | 100                     |                          | 100  |
| 147                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | SURV | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 100 wk   |               | 700 d         |                    | F         |                     | 50 mg/kg bdwt   |                                | 50                      |                          | 50   |
| 148                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | CEL          | HIS    | LESI | LOAEL   |         | terrestrial | Animal       | NONE  | 100 wk   |               | 700 d         |                    | F         |                     | 50 mg/kg bdwt   |                                | 50                      |                          | 50   |
| 149                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | CEL          | HIS    | LESI | LOAEL   |         | terrestrial | Animal       | NONE  | 100 wk   |               | 700 d         |                    | F         |                     | 50 mg/kg bdwt   |                                | 50                      |                          | 50   |
| 150                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | LOAEL   |         | terrestrial | Animal       | NONE  | 24 h     |               | 1 d           |                    | F         |                     | 2 ml/kg bdwt    |                                | 2                       |                          | 2    |
| 151                        | 540545     | 1-chloropropane              | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | REP          | REP    | NOIM | NOAEL   |         | terrestrial | Animal       | NONE  | 61 d     |               | 61 d          |                    | F         |                     | 1000 mg/kg/d    |                                | 990                     |                          | 990  |
| 152                        | 540545     | 1-chloropropane              | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NOAEL   |         | terrestrial | Animal       | NONE  | 61 d     |               | 61 d          |                    | F         |                     | 1000 mg/kg/d    |                                | 990                     |                          | 990  |
| 153                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-LETH |         | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         |                     | 2000 mg/kg bdwt |                                | 2000                    |                          | 2000 |
| 154                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO | NR-LETH | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         |                     | 1000 mg/kg bdwt |                                | 1000                    |                          | 1000 |
| 155                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO | NR-LETH | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         |                     | 500 mg/kg bdwt  |                                | 500                     |                          | 500  |
| 156                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO | NR-LETH | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         |                     | 250 mg/kg bdwt  |                                | 250                     |                          | 250  |
| 157                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt  |                                | 125                     |                          | 125  |
| 158                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NOAEL   |         | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt  |                                | 125                     |                          | 125  |
| 159                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | HIS    | HYPL | NOAEL   |         | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt  |                                | 125                     |                          | 125  |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                                         | Title                                                                                                                                                 | Source                                              | Publication Year | Comments                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 141                     |                  | 75                          | 75                   |                       | 75 mg/kg             | 3              | 141                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 9395  | Osterloh J/Xiwen H.                                            | Effects of 1,3-Dichloropropene on the Kidney of Fisher 344 Rats After Pretreatment with Diethyl Malate, Butyltinne Sulfoximine, and Aminoacetic Acid  | J Toxicol Environ Health 28(3): 247-255             | 1990             | ORG/Fisher 344/ EE/Im acetylglucosaminidase measured in urine./ EDES/Conc of pretreatment./ GENERAL/Other pretreatments also reported (aminoacetic acid, butyltinne sulfoximine, and diethyl malate). Chemical metabolite also reported in urine./                                                                        |
| 142                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 142                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/F344 Final BW // GENERAL/Mean body weights without stats also reported //                                                                                                                                                                                                                                             |
| 143                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 143                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/F344 Final BW // GENERAL/Mean body weights without stats also reported //                                                                                                                                                                                                                                             |
| 144                     | 50               | 50                          |                      |                       | 50 mg/kg bw/twt      | 3              | 144                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/F344 Final BW // EE/Additional endpoints reported. Liver as response site also reported./ GENERAL/Pooled results from ancillary studies also reported. Additional histological data reported without stats. Incidence of lesions also reported //                                                                     |
| 145                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 145                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/F344 Final BW // EE/Additional endpoints reported. Forestomach as response site also reported./ GENERAL/Pooled results from ancillary studies also reported. Incidence of lesions also reported. Additional histological data reported without stats //                                                               |
| 146                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 146                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/B6C3F1 Final BW // EE/Dosed group increased relative to controls./ GENERAL/Mean body weights without stats also reported //                                                                                                                                                                                           |
| 147                     | 100              | 100                         |                      |                       | 100 mg/kg bw/twt     | 2              | 147                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/B6C3F1 Final BW // GENERAL/Mean body weights without stats also reported //                                                                                                                                                                                                                                           |
| 148                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 148                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/B6C3F1 Final BW // EE/Additional response sites include lung, forestomach and kidney./ GENERAL/Mean body weights without stats also reported. Additional histological data reported without stats //                                                                                                                  |
| 149                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 149                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Yang RSH/Huff JE,Boorman GA,Haseman JK,Kornreich M,Stookey JL. | Chronic Toxicology and Carcinogenesis Studies of Telone II by Gavage in Fischer-344 Rats and B6C3F1 Mice                                              | J Toxicol Environ Health 18(3): 377-392             | 1986             | ORG/B6C3F1 Final BW // EE/Additional response sites include lung, forestomach and kidney./ GENERAL/Mean body weights without stats also reported. Additional histological data reported without stats //                                                                                                                  |
| 150                     |                  |                             |                      |                       | ml/kg bw/twt         | 1              | 150                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 9395  | Imberti R,Mapelli A,Colombo P,Ricchetti P,Berte F,Bellomo G.   | 1,2-Dichloropropene (DCP) Toxicity is Correlated with DCP-Induced Glutathione (GSH) Depletion and is Modulated by Factors Affecting Intracellular GSH | Arch Toxicol 64(8): 459-466                         | 1990             | ORG/Whistar/ EXPOUR/48 and 96 hours also reported/ GENERAL/Pretreatment with BSO also studied. BCM effects also reported./ BCF = NR/                                                                                                                                                                                      |
| 151                     |                  |                             |                      |                       | mg/kg bw/twt         | 1              | 151                     |    |          |               |                      |                     |                     | >99      | Lab      | GV       | NO      | 9399  | Saito-Suzuki R,Teramoto S,Shirasu Y.                           | Dominant Lethal Studies in Rats with 1,2-Dibromo-3-Chloropropane and Its Structurally Related Compounds                                               | Mutat Res 101(4): 321-327                           | 1982             | ORG/SD/0.267 kg default initial BW and default lifestage/ EE/Stats to C control, number of implants per female, number of females with implants, corpora lutea, number of live embryos per female also reported./ EDES/Statmed with virgin females weekly for 8 weeks, females measured // GENERAL/CONTRV.P/III BCF = NR/ |
| 152                     |                  |                             |                      |                       | mg/kg bw/twt         | 1              | 152                     |    |          |               |                      |                     |                     | >99      | Lab      | GV       | NO      | 9399  | Saito-Suzuki R,Teramoto S,Shirasu Y.                           | Dominant Lethal Studies in Rats with 1,2-Dibromo-3-Chloropropane and Its Structurally Related Compounds                                               | Mutat Res 101(4): 321-327                           | 1982             | ORG/SD/0.267 kg default initial BW and default lifestage/ EE/Stats to C control, mean dead implants, Dominant lethal mutation index also reported./ EDES/Statmed with virgin females weekly for 8 weeks, females measured // GENERAL/CONTRV.P/III BCF = NR/                                                               |
| 153                     |                  |                             |                      |                       | mg/kg bw/twt         | 5              | 153                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight/                                                                                                                                                                                                                                                                                          |
| 154                     | 2000             | 2000                        |                      |                       | 2000 mg/kg bw/twt    | 5              | 154                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight/                                                                                                                                                                                                                                                                                          |
| 155                     | 1000             | 1000                        |                      |                       | 1000 mg/kg bw/twt    | 5              | 155                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight/                                                                                                                                                                                                                                                                                          |
| 156                     | 1000             | 1000                        |                      |                       | 1000 mg/kg bw/twt    | 5              | 156                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight/                                                                                                                                                                                                                                                                                          |
| 157                     | 250              | 250                         |                      |                       | 250 mg/kg bw/twt     | 3              | 157                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight from graph/                                                                                                                                                                                                                                                                               |
| 158                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 158                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight from graph/                                                                                                                                                                                                                                                                               |
| 159                     |                  |                             |                      |                       | mg/kg bw/twt         | 2              | 159                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 9395  | Rohm & Haas Co.                                                | Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropene in Rats and Mice with Cover Letter Dated 08/04/92                            | EPA/OTS Doc #88-9200056800; 136 p. NTS/OTS 0544463. | 1992             | ORG/F344N, final control weight from graph/ EE/Urinary, thyroid, stomach, pancreas, pituitary, adrenal glands also reported/                                                                                                                                                                                              |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order      | Family    | Genus       | Species    | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2  | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig   | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |          |
|----------------------------|------------|------------------------------|----------------|----------|----------|------------|-----------|-------------|------------|-----------------|--------------|--------|------|---------|---------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-------------------|--------------------------------|-------------------------|--------------------------|----------|
| 160                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | CEL          | HIS    | HYPL | NOAEL   |         | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 250 mg/kg bdwt    |                                | 250                     |                          | 250      |
| 161                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | GLTH | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 4 wk     |               | 28 d          |                    | F         |                     | 25 mg/kg bdwt     |                                | 25                      |                          | 25       |
| 162                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | GSTR | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 4 wk     |               | 28 d          |                    | F         |                     | 25 mg/kg bdwt     |                                | 25                      |                          | 25       |
| 163                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | GLTH | LOAEL   |         | terrestrial | Animal       | NONE  | <12 h    |               | d             |                    | F         |                     | 50 mg/kg bdwt     |                                | 50                      |                          | 50       |
| 164                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NR-LETH |         | terrestrial | Animal       | NONE  | 4 d      |               | 4 d           |                    | F         |                     | 1000 mg/kg/d      |                                | 999                     |                          | 999      |
| 165                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT | NOAEL   | LOAEL   | terrestrial | Animal       | NR    | 15 d     |               | 15 d          |                    | F         |                     | 0.024 % w/v       |                                | 0.023976                |                          | 0.023976 |
| 166                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-LETH |         | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         |                     | 2000 mg/kg bdwt/d |                                | 2000                    |                          | 2000     |
| 167                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | MOR          | MOR    | MORT | NR-ZERO | NR-LETH | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         |                     | 250 mg/kg bdwt    |                                | 250                     |                          | 250      |
| 168                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | MOR          | MOR    | MORT | NR-ZERO | NR-LETH | terrestrial | Animal       | NONE  | 14 d     |               | 14 d          |                    | A         |                     | 500 mg/kg bdwt    |                                | 500                     |                          | 500      |
| 169                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | MOR          | MOR    | MORT | NR-ZERO |         | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         |                     | 250 mg/kg bdwt    |                                | 250                     |                          | 250      |
| 170                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-LETH |         | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         |                     | 1000 mg/kg bdwt   |                                | 1000                    |                          | 1000     |
| 171                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | SURV | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt    |                                | 125                     |                          | 125      |
| 172                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | SURV | NOAEL   |         | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt    |                                | 125                     |                          | 125      |
| 173                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | NPSH | LOAEL   | NOAEL   | terrestrial | Animal       | NONE  | 2 h      |               | 8.33E-02 d    |                    | F         |                     | 5 mg/kg           |                                | 4.8                     |                          | 4.8      |
| 174                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | ALPH | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | F         |                     | 15 mg/kg/d        |                                | 14.37                   |                          | 14.37    |
| 175                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | PHY          | INJ    | ADNM | LOAEL   |         | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt    |                                | 125                     |                          | 125      |
| 176                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | TRIG | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | F         |                     | 5 mg/kg/d         |                                | 4.79                    |                          | 4.79     |
| 177                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | PHY          | INJ    | ADNM | NOAEL   | LOAEL   | terrestrial | Animal       | NONE  | 103 wk   |               | 721 d         |                    | A         |                     | 125 mg/kg bdwt    |                                | 125                     |                          | 125      |
| 178                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | BCM          | BCM    | NPSH | LOAEL   | NOAEL   | terrestrial | Animal       | NONE  | 2 h      |               | 8.33E-02 d    |                    | F         |                     | 25 mg/kg          |                                | 24                      |                          | 24       |
| 179                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | BCM          | BCM    | NPSH | LOAEL   |         | terrestrial | Animal       | NONE  | 2 h      |               | 8.33E-02 d    |                    | F         |                     | 100 mg/kg         |                                | 96                      |                          | 96       |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                                | Title                                                                                                                                                                         | Source                                                                           | Publication Year | Comments                                                                                                                                                                                                                                                 |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 160                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 160                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/F344N, final control weight from graph/ EElumors, thyroid, stomach, pancreas, pituitary, adrenal glands, mammary glands, uterus also reported/                                                                                                       |
| 161                     | 50               | 50                          |                      |                       | 50 mg/kg bwet        | 6              | 161                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 93649 | Trivisan A/Rizzi E/Scapinello A/Gioffre F/Chiesura P. | Liver Toxicity due to 1,2-Dichloropropane in the Rat                                                                                                                          | Arch Toxicol 63(8): 445-449                                                      | 1989             | ORG/Abino Wistar/ EE/Significant decrease at 10 mg/kg bwM/ EDES/Dosed for 4 weeks, 1 time per day for 5 days a week./ GENERALMOR, GRO, HIS effects described, metabolism effects/ BCF = NR/                                                              |
| 162                     | 50               | 50                          |                      |                       | 50 mg/kg bwet        | 6              | 162                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 93649 | Trivisan A/Rizzi E/Scapinello A/Gioffre F/Chiesura P. | Liver Toxicity due to 1,2-Dichloropropane in the Rat                                                                                                                          | Arch Toxicol 63(8): 445-449                                                      | 1989             | ORG/Abino Wistar/ EE/Significant decrease at 10 mg/kg bwet. Also measured Cytochrome P450/ EDES/Dosed for 4 weeks, 1 time per day for 5 days a week./ GENERALMOR, GRO, HIS effects described, metabolism effects/ BCF = NR/                              |
| 163                     |                  |                             |                      |                       | mg/kg bwet           | 3              | 163                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 93649 | Trivisan A/Rizzi E/Scapinello A/Gioffre F/Chiesura P. | Liver Toxicity due to 1,2-Dichloropropane in the Rat                                                                                                                          | Arch Toxicol 63(8): 445-449                                                      | 1989             | GENERALMOR, GRO, HIS effects described, metabolism effects/ BCF = NR/                                                                                                                                                                                    |
| 164                     |                  |                             |                      |                       | mg/kg bwet           | 3              | 164                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94132 | Dow Chemical Co.                                      | Initial Submission: Propylene Dichloride: A 13 Day Repeated Oral Gavage Study in New Zealand White Rabbits with Cover Letter Dated 043092                                     | EPA/OTS Doc #88-920022700; 20 p. NTP/OTS 0539287;                                | 1992             | ORG/New Zealand White/ GENERALGRO, HIS, BCM effects described, toxicity symptoms reported/ BCF = NR/                                                                                                                                                     |
| 165                     | 0.1              | 0.0999                      |                      |                       | 0.0999 % w/v         | 3              | 165                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.                                      | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter                                                                      | EPA/OTS Doc #40-R067215(5); 170 p. NTP/OTS 0527738;                              | 1990             | ORG/Sprague Dawley, 144.6 to 148.0 initial BW measured 7 days before dosing/ EXPDUR/Other durations reported/ EE/F1 weights, final body weights for parent and F1 also reported/ EDES/Phenol males given undosed tap water for two weeks after breeding/ |
| 166                     |                  |                             |                      |                       | mg/kg bwet           | 5              | 166                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program                           | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies)                          | National Toxicology Program Technical Report Series #263, No 86-2519(5); 182 p.- | 1986             | ORG/F344N/ EDES/14 Day Rat/ GENERALGRO effects reported, Bacteria, In Vivo studies/ BCF = NR/                                                                                                                                                            |
| 167                     | 1000             | 1000                        |                      |                       | 1000 mg/kg bwet      | 5              | 167                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/B6C3F1, final control weight/                                                                                                                                                                                                                        |
| 168                     | 2000             | 2000                        |                      |                       | 2000 mg/kg bwet      | 5              | 168                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/B6C3F1, final control weight/                                                                                                                                                                                                                        |
| 169                     |                  |                             |                      |                       | mg/kg bwet           | 5              | 169                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/B6C3F1, final control weight/                                                                                                                                                                                                                        |
| 170                     |                  |                             |                      |                       | mg/kg bwet           | 5              | 170                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program                           | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies)                          | National Toxicology Program Technical Report Series #263, No 86-2519(5); 182 p.- | 1986             | ORG/F344N/ EDES/13 week Rat, dosed daily, 5 days per week./ GENERALGRO, HIS effects reported/Bacteria, In Vivo studies/ BCF = NR/                                                                                                                        |
| 171                     | 250              | 250                         |                      |                       | 250 mg/kg bwet       | 2              | 171                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program                           | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies)                          | National Toxicology Program Technical Report Series #263, No 86-2519(5); 182 p.- | 1986             | ORG/F344N/ EDES/103 week Rat, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vivo studies/ BCF = NR/                                                                                                                                                |
| 172                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 172                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program                           | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies)                          | National Toxicology Program Technical Report Series #263, No 86-2519(5); 182 p.- | 1986             | ORG/F344N/ EDES/103 week Rat, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vivo studies/ BCF = NR/                                                                                                                                                |
| 173                     | 1                | 0.96                        |                      |                       | 0.96 mg/kg bwet      | 5              | 173                     |    |          |               |                      |                     |                     | >96      | Lab      | GV       | NO      | 94134 | Dow Chemical Co.                                      | 1,3-Dichloropropane: Pharmacokinetics, Effect on Tissue Non-Protein Sulfhydryls, and Macromolecular Binding in Fischer 344 Rats and B6C3F1 Mice Following Oral Administration | EPA/OTS Doc #86-870002312(5); 50 p. NTP/OTS 0515836;                             | 1987             | ORG/Fischer 344 strain/ EElumoproten sulfhydryl depletion sig in non-glandular and glandular stomach, also measured in liver, kidney and bladder/ CHAR/ICs and trans isomers at 62.38 ratio/ GENERAL/Pharmacokinetic and metabolism studies/             |
| 174                     | 50               | 47.9                        |                      |                       | 47.9 ppm             | 4              | 174                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stolt WT.  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                                                                                          | Fundam Appl Toxicol 32(2): 224-232                                               | 1996             | ORG/Fischer 344, // CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)/ GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported                                                                  |
| 175                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 175                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/B6C3F1, final control weight from graph/ EElumors, thyroid, stomach, lungs, organs, integument also reported/                                                                                                                                        |
| 176                     | 15               | 14.37                       |                      |                       | 14.37 ppm            | 4              | 176                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stolt WT.  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                                                                                          | Fundam Appl Toxicol 32(2): 224-232                                               | 1996             | ORG/Fischer 344, // EE/Platelets also reported/ CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)/ GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported                                      |
| 177                     | 250              | 250                         |                      |                       | 250 mg/kg bwet       | 2              | 177                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93958 | Rohm & Haas Co.                                       | Initial Submission: NTP (Draft) Technical Report on the Carcinogenesis Bioassay with 1,2-Dichloropropane in Rats and Mice with Cover Letter Dated 080492                      | EPA/OTS Doc #88-920056800; 136 p. NTP/OTS 0544463;                               | 1992             | ORG/B6C3F1, final control weight from graph/ EElumors, thyroid, stomach, lungs, organs, integument also reported/                                                                                                                                        |
| 178                     | 5                | 4.8                         |                      |                       | 4.8 mg/kg bwet       | 5              | 178                     |    |          |               |                      |                     |                     | >96      | Lab      | GV       | NO      | 94134 | Dow Chemical Co.                                      | 1,3-Dichloropropane: Pharmacokinetics, Effect on Tissue Non-Protein Sulfhydryls, and Macromolecular Binding in Fischer 344 Rats and B6C3F1 Mice Following Oral Administration | EPA/OTS Doc #86-870002312(5); 50 p. NTP/OTS 0515836;                             | 1987             | ORG/B6C3F1 strain/ EElumoproten sulfhydryl depletion sig in non-glandular and glandular stomach, also measured in liver, kidney and bladder/ CHAR/ICs and trans isomers at 62.38 ratio/ GENERAL/Pharmacokinetic and metabolism studies/                  |
| 179                     |                  |                             |                      |                       | mg/kg bwet           | 1              | 179                     |    |          |               |                      |                     |                     | >96      | Lab      | GV       | NO      | 94134 | Dow Chemical Co.                                      | 1,3-Dichloropropane: Pharmacokinetics, Effect on Tissue Non-Protein Sulfhydryls, and Macromolecular Binding in Fischer 344 Rats and B6C3F1 Mice Following Oral Administration | EPA/OTS Doc #86-870002312(5); 50 p. NTP/OTS 0515836;                             | 1987             | ORG/B6C3F1 strain/ EElumoproten sulfhydryl depletion, also measured in bladder/ CHAR/ICs and trans isomers at 62.38 ratio/ GENERAL/Pharmacokinetic and metabolism studies/                                                                               |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order    | Family  | Genus  | Species    | Common Name | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig    | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|----------|----------|----------|---------|--------|------------|-------------|--------------|--------|------|---------|--------|-------------|--------------|-------|-------------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 180                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | GLOB | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 15 mg/kg/d      |                                | 14.37                   | 14.37                    |
| 181                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | REP          | REP    | MIDX | NOAEL   |        | terrestrial | Animal       | NR    | 32 to 34 wk |               | 224 TO 238 d  |                    | F         |                     | 0.24 % w/v      |                                | 0.23976                 | 0.23976                  |
| 182                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | CEL    | RBCE | NOAEL   |        | terrestrial | Animal       | NR    | 43 wk       |               | 287 d         |                    | F         |                     | 0.24 % w/v      |                                | 0.23976                 | 0.23976                  |
| 183                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | CEL          | CEL    | LEUK | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 50 mg/kg/d      |                                | 47.9                    | 47.9                     |
| 184                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | BCM          | BCM    | GLUC | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 50 mg/kg/d      |                                | 47.9                    | 47.9                     |
| 185                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | PHY          | INJ    | MTMR | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 125 mg/kg bw/d  |                                | 125                     | 125                      |
| 186                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | PHY          | INJ    | TUMR | NOAEL   |        | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 125 mg/kg bw/d  |                                | 125                     | 125                      |
| 187                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | BCM          | BCM    | TRIG | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 5 mg/kg/d       |                                | 4.79                    | 4.79                     |
| 188                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Animal       | NONE  | 14 d        |               | 14 d          |                    | A         |                     | 1000 mg/kg bw/d |                                | 1000                    | 1000                     |
| 189                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | PLAT | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 20 wk       |               | 140 d         |                    | F         |                     | 0.1 % w/v       |                                | 0.0999                  | 0.0999                   |
| 190                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Animal       | NONE  | 14 d        |               | 14 d          |                    | A         |                     | 2000 mg/kg bw/d |                                | 2000                    | 2000                     |
| 191                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 20 wk       |               | 140 d         |                    | F         |                     | 0.1 % w/v       |                                | 0.0999                  | 0.0999                   |
| 192                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | A         |                     | 250 mg/kg bw/d  |                                | 250                     | 250                      |
| 193                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 5 mg/kg/d       |                                | 4.79                    | 4.79                     |
| 194                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 14 d        |               | 14 d          |                    | A         |                     | 250 mg/kg bw/d  |                                | 250                     | 250                      |
| 195                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 14 d        |               | 14 d          |                    | A         |                     | 500 mg/kg bw/d  |                                | 500                     | 500                      |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                               | Title                                                                                                                                                 | Source                                                                       | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 180                     | 50               | 47.9                        |                      | 47.9                  | ppm                  | 4              | 180                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shabrang SN,Stott WT. | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                                                  | Fundam Appl Toxicol 32(2): 224-232                                           | 1996             | ORG/Fischer 344./ EE/Albumin and total protein also reported./<br>CHARMMicroencapsulated in a starch/sucrose matrix (80/20%)/<br>GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported.<br>Histopathological findings also reported./                                                                                                                                                                                               |
| 181                     |                  |                             |                      |                       | % w/v                | 3              | 181                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.                                     | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter                                              | EPA/OTS Doc #40- R067215(170 p. NTIS/OTS 0527738).                           | 1990             | ORG/Sprague dawley, 144.6 to 148.0 initial BW measured 7 days before dosing/ EXPDUR/mating of F1 rats initiated 32 to 34 weeks after start of study, F1 adults approximately 15 weeks old after 12 weeks of treatment/ EE/Parental MIDX. Parental and F1 FIDX and male conceptio index also reported/ EDES/Parental males given undosed tap water for two weeks after breeding. Parental females dosed before mating and during gestation, lactation and until weaning was completed/ |
| 182                     |                  |                             |                      |                       | % w/v                | 3              | 182                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.                                     | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter                                              | EPA/OTS Doc #40- R067215(170 p. NTIS/OTS 0527738).                           | 1990             | ORG/Sprague dawley, 144.6 to 148.0 initial BW measured 7 days before dosing/ EXPDUR/41 weeks after start of study, F1 adults approximately 25-27 weeks old/ EE/Parental and F2 RBCE, Parental, F1 and F2 LEUK and ERTI also reported/ EDES/Parental males given undosed tap water for two weeks after breeding. Parental females dosed before mating and during gestation, lactation and until weaning was completed/                                                                 |
| 183                     | 100              | 95.6                        |                      | 95.6                  | ppm                  | 4              | 183                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shabrang SN,Stott WT. | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                                                  | Fundam Appl Toxicol 32(2): 224-232                                           | 1996             | ORG/B6C3F1./ CHARMMicroencapsulated in a starch/sucrose matrix (80/20%)/<br>CHARMMicroencapsulated in a starch/sucrose matrix (80/20%)/<br>GENERAL/Histopathological findings also reported./                                                                                                                                                                                                                                                                                         |
| 184                     | 100              | 95.6                        |                      | 95.6                  | ppm                  | 4              | 184                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shabrang SN,Stott WT. | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                                                  | Fundam Appl Toxicol 32(2): 224-232                                           | 1996             | ORG/F344/NF EE/Additional tumor data reported for other tissues, survival adjusted tumor data also reported./ EDES/103 week Rat, dosed daily 5 days per week./<br>GENERAL/Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                       |
| 185                     | 250              | 250                         |                      | 250                   | mg/kg bw/d           | 2              | 185                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/F344/NF EE/Additional tumor data reported for other tissues, survival adjusted tumor data also reported./ EDES/103 week Rat, dosed daily 5 days per week./<br>GENERAL/Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                       |
| 186                     |                  |                             |                      |                       | mg/kg bw/d           | 2              | 186                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | CHARMMicroencapsulated in a starch/sucrose matrix (80/20%)/<br>GENERAL/Histopathological findings also reported./                                                                                                                                                                                                                                                                                                                                                                     |
| 187                     | 15               | 14.37                       |                      | 14.37                 | ppm                  | 4              | 187                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shabrang SN,Stott WT. | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                                                  | Fundam Appl Toxicol 32(2): 224-232                                           | 1996             | ORG/B6C3F1./ EE/Additional tumor data reported for other tissues, survival adjusted tumor data also reported./ EDES/103 week Rat, dosed daily 5 days per week./<br>GENERAL/Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                      |
| 188                     |                  |                             |                      |                       | mg/kg bw/d           | 5              | 188                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/B6C3F1./ EDES/14 Day mouse/ GENERAL/GRO effects reported.Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                    |
| 189                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 189                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.                                     | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter                                              | EPA/OTS Doc #40- R067215(170 p. NTIS/OTS 0527738).                           | 1990             | ORG/Sprague dawley, 144.6 to 148.0 initial BW measured 7 days before dosing/ EXPDUR/Parental rats necropsied 20 weeks after start of study/ EE/F1 and F2 PLAT, Parental, F1 and F2 H&C, and H&C also reported/ EDES/Parental males given undosed tap water for two weeks after breeding. Parental females dosed before mating and during gestation, lactation and until weaning was completed/                                                                                        |
| 190                     |                  |                             |                      |                       | mg/kg bw/d           | 5              | 190                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/B6C3F1./ EDES/14 Day mouse/ GENERAL/GRO effects reported, Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                   |
| 191                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 191                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.                                     | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter                                              | EPA/OTS Doc #40- R067215(170 p. NTIS/OTS 0527738).                           | 1990             | ORG/Sprague dawley, 144.6 to 148.0 initial BW measured 7 days before dosing/ EXPDUR/Parental rats necropsied 20 weeks after start of study/ EE/F1 and F2 KI SMX, Parental, F1 and F2 KI and L1 weight, LI SMX also reported/ EDES/Parental males given undosed tap water for two weeks after breeding. Parental females dosed before mating and during gestation, lactation and until weaning was completed/                                                                          |
| 192                     |                  |                             |                      |                       | mg/kg bw/d           | 5              | 192                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/B6C3F1./ EDES/13 week mouse, dosed daily 5 days per week./<br>GENERAL/GRO, H&S effects reported, Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                            |
| 193                     | 15               | 14.37                       |                      | 14.37                 | ppm                  | 4              | 193                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shabrang SN,Stott WT. | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                                                  | Fundam Appl Toxicol 32(2): 224-232                                           | 1996             | ORG/Fischer 344, Final BW./<br>CHARMMicroencapsulated in a starch/sucrose matrix (80/20%)/<br>GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported.<br>Histopathological findings also reported./                                                                                                                                                                                                                                  |
| 194                     |                  |                             |                      |                       | mg/kg bw/d           | 5              | 194                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/B6C3F1./ EDES/14 Day mouse/ GENERAL/GRO effects reported, Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                   |
| 195                     |                  |                             |                      |                       | mg/kg bw/d           | 5              | 195                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program.                         | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344/N Rats and B6C3F1 Mice (Savage Studies) | National Toxicology Program Technical Report Series #263, No 86-2519(182 p.- | 1986             | ORG/B6C3F1./ EDES/14 Day mouse/ GENERAL/GRO effects reported, Bacteria. In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                   |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order    | Family  | Genus  | Species    | Common Name | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig    | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|----------|----------|----------|---------|--------|------------|-------------|--------------|--------|------|---------|--------|-------------|--------------|-------|-------------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 196                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 10 d        |               | 10 d          |                    | F         |                     | 0.1 % w/v       | 0.0999                         |                         | 0.0999                   |
| 197                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | SURV | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 125 mg/kg bw/d  | 125                            |                         | 125                      |
| 198                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | MOR          | MOR    | SURV | NOAEL   |        | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 250 mg/kg bw/d  | 250                            |                         | 250                      |
| 199                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | NP5H | LOAEL   |        | terrestrial | Animal       | NONE  | 2 h         |               | 8.33E-02 d    |                    | F         |                     | 50 mg/kg        | 48                             |                         | 48                       |
| 200                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | PHY          | INJ    | TUMR | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 125 mg/kg bw/d  | 125                            |                         | 125                      |
| 201                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | REP          | REP    | PROG | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 14 to 16 wk |               | 98 TO 112 d   |                    | F         |                     | 0.1 % w/v       | 0.0999                         |                         | 0.0999                   |
| 202                        | 78875      | 1,2-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia | Muridae | Mus    | musculus   | House mouse | PHY          | INJ    | TUMR | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 103 wk      |               | 723 d         |                    | A         |                     | 250 mg/kg bw/d  | 250                            |                         | 250                      |
| 203                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 14 d        |               | 14 d          |                    | A         |                     | 1000 mg/kg bw/d | 1000                           |                         | 1000                     |
| 204                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | A         |                     | 500 mg/kg bw/d  | 500                            |                         | 500                      |
| 205                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | A         |                     | 1000 mg/kg bw/d | 1000                           |                         | 1000                     |
| 206                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | CEL          | CEL    | RBCE | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 30 wk       |               | 140 d         |                    | F         |                     | 0.1 % w/v       | 0.0999                         |                         | 0.0999                   |
| 207                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BCM          | BCM    | HMGL | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 30 wk       |               | 140 d         |                    | F         |                     | 0.1 % w/v       | 0.0999                         |                         | 0.0999                   |
| 208                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | GRO          | MPH    | SMIX | LOAEL   |        | terrestrial | Animal       | NR    | 20 wk       |               | 140 d         |                    | F         |                     | 0.034 % w/v     | 0.023976                       |                         | 0.023976                 |
| 209                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | MOR          | MOR    | SURV | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 14 to 37 wk |               | 98 TO 259 d   |                    | F         |                     | 0.1 % w/v       | 0.0999                         |                         | 0.0999                   |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                      | Title                                                                                                                                                | Source                                                                          | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 196                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 196                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/Other durations reported/ EE/F1 weights, gestation and lactation body weight, gestation and lactation weight gain, final body weights for parent and F1 also reported/ EDES/Parental males given undosed tap water for two weeks after breeding/                                                                                                                                                           |
| 197                     | 250              | 250                         |                      | 250                   | mg/kg bw/t           | 2              | 197                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/B6C3F1/ EDES/103 week Mouse, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                  |
| 198                     |                  |                             |                      |                       | mg/kg bw/t           | 2              | 198                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/B6C3F1/ EDES/103 week Mouse, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                  |
| 199                     |                  |                             |                      |                       | mg/kg bw/t           | 3              | 199                     |    |          |               |                      |                     |                     | >96      | Lab      | GV       | NO      | 94135 | Dow Chemical Co.            | 1,3-Dichloropropane: Effects on Tissue Non-Protein Sulfhydryl Content and Blood Concentration Time Profile - Pulse Study                             | EPA/OTS Doc #86- R70002113(); 17 p. NTIS/OTS 0519837;                           | 1987             | ORG/Ischer 344 strain/ EXPDUR/measurements at 2, 4, 8, 12 and 24 hr EE/histoproten sulfhydryl conc. dec. forestomach and glandular stomach, % of control; also sig in liver, kidney, no sig in testis/ CHAR/No trans rats Ki 299/                                                                                                                                                                                                                                                              |
| 200                     | 250              | 250                         |                      | 250                   | mg/kg bw/t           | 2              | 200                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/B6C3F1/ EE/Additional tumor data reported for other tissues, survival adjusted tumor data also reported./ EDES/103 week Mouse, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                |
| 201                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 201                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/F1 litters born 14 to 16 weeks after start of treatment/ EE/Litter size, F1 litter size, parental and F1 MIDX, GDX, GSTT, female conception index also reported/ EDES/Parental males given undosed tap water for two weeks after breeding, Parental females dosed before mating and during gestation, lactation and until weaning was complete/                                                            |
| 202                     | 125              | 125                         |                      | 125                   | mg/kg bw/t           | 2              | 202                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/B6C3F1/ EE/Additional tumor data reported for other tissues, survival adjusted tumor data also reported./ EDES/103 week Mouse, dosed daily, 5 days per week./ GENERAL/Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                |
| 203                     |                  |                             |                      |                       | mg/kg bw/t           | 5              | 203                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/F344N/ EDES/14 Day Rat/ GENERAL/GRO effects reported, Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                                                                |
| 204                     |                  |                             |                      |                       | mg/kg bw/t           | 5              | 204                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/F344N/ EDES/13 week Rat, dosed daily, 5 days per week./ GENERAL/GRO, HIS effects reported, Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                           |
| 205                     |                  |                             |                      |                       | mg/kg bw/t           | 5              | 205                     |    |          |               |                      |                     |                     | 99.4     | Lab      | GV       | NO      | 93608 | National Toxicology Program | Toxicology and Carcinogenesis Studies of 1,2-Dichloropropane (Propylene Dichloride) (Cas No. 78-67-5) in F344N Rats and B6C3F1 Mice (Gavage Studies) | National Toxicology Program Technical Report Series #263, No 86-2515(); 182 p.; | 1986             | ORG/F344N/ EDES/13 week Rat, dosed daily, 5 days per week./ GENERAL/GRO, HIS effects reported, Bacteria, In Vitro studies/ BCF = NR/                                                                                                                                                                                                                                                                                                                                                           |
| 206                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 206                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/Parental adults necropsied 20 weeks after start of study/ EE/F1 and F2 BRIC, Parental, F1 and F2 LEUK and RETI also reported/ EDES/Parental males given undosed tap water for two weeks after breeding, Parental females dosed before mating and during gestation, lactation and until weaning was complete/                                                                                               |
| 207                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 207                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/Parental rats necropsied 20 weeks after start of study/ EE/F1 and F2 HMGL, Parental, F1 and F2 HMCCT and PLAT also reported/ EDES/Parental males given undosed tap water for two weeks after breeding, Parental females dosed before mating and during gestation, lactation and until weaning was complete/                                                                                                |
| 208                     |                  |                             |                      |                       | % w/v                | 3              | 208                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/Parental rats necropsied 20 weeks after start of study/ EE/F1 and F2 Li SMX, Parental, F1 and F2 Ki and Li weights, Ki SMX also reported/ EDES/Parental males given undosed tap water for two weeks after breeding, Parental females dosed before mating and during gestation, lactation and until weaning was complete/                                                                                   |
| 209                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 209                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.            | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (F344) with Cover Letter                                              | EPA/OTS Doc #40- R067215(); 170 p. NTIS/OTS 0527738;                            | 1990             | ORG/Sprague dawley, 122.2 to 122.5 initial BW of parental generation measured 7 days before dosing/ EXPDUR/F1 generation born 14 to 16 weeks after start of study, F2 generation born 35 to 37 weeks after start of study, other durations reported/ EE/Day 1 survival index % of F1 and F2 generations/ EDES/Parental males given undosed tap water for two weeks after breeding, Parental and F1 females dosed before mating and during gestation, lactation and until weaning was complete/ |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order      | Family    | Genus       | Species    | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig    | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|----------|----------|------------|-----------|-------------|------------|-----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|-------------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 210                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 14 to 16 wk |               | 98 TO 112 d   |                    | F         |                     | 0.1 % w/v       | 0.0999                         | 0.0999                  |                          |
| 211                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | BLLB | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 5 d         |               | 5 d           |                    | F         |                     | 100 mg/kg       | 99                             | 99                      |                          |
| 212                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 91 d          |                    | F         |                     | 5 mg/kg/d       | 4.79                           | 4.79                    |                          |
| 213                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | P450 | LOAEL   |        | terrestrial | Animal       | NONE  | 5 d         |               | 5 d           |                    | F         |                     | 100 mg/kg       | 99                             | 99                      |                          |
| 214                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 93 d          |                    | F         |                     | 15 mg/kg/d      | 14.37                          | 14.37                   |                          |
| 215                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 91 d          |                    | F         |                     | 15 mg/kg/d      | 14.37                          | 14.37                   |                          |
| 216                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 d        |               | 13 d          |                    | A         |                     | 97.5 mg/kg/d    | 97.5                           | 97.5                    |                          |
| 217                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  | 3 wk        |               | 21 d          |                    | F         |                     | 100 mg/kg       | 99                             | 99                      |                          |
| 218                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | ENZ    | AATT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 6 wk        |               | 42 d          |                    | F         |                     | 250 mg/kg       | 247.5                          | 247.5                   |                          |
| 219                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | BLLB | LOAEL   |        | terrestrial | Animal       | NONE  | 12 wk       |               | 84 d          |                    | F         |                     | 100 mg/kg       | 99                             | 99                      |                          |
| 220                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | GRO          | GRO    | GAIN | NOAEL   |        | terrestrial | Animal       | NONE  | 13 d        |               | 13 d          |                    | A         |                     | 240 mg/kg/d     | 240                            | 240                     |                          |
| 221                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | GRO          | GRO    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  | 13 wk       |               | 91 d          |                    | F         |                     | 15 mg/kg/d      | 14.37                          | 14.37                   |                          |
| 222                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | MPH    | SMIX | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 91 d          |                    | F         |                     | 250 mg/kg       | 247.5                          | 247.5                   |                          |
| 223                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk       |               | 91 d          |                    | F         |                     | 15 mg/kg/d      | 14.37                          | 14.37                   |                          |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                                                | Title                                                                                                         | Source                                             | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 210                     | 0.24             | 0.23976                     |                      | 0.23976               | % w/v                | 3              | 210                     |    |          |               |                      |                     |                     | 99.9     | Lab      | DR       | NO      | 94127 | Dow Chemical Co.,                                                     | Propylene Dichloride: Two-Generation Reproduction Study in Sprague-Dawley Rats (Final) with Cover Letter      | EPA/OTS Doc #40-90672150; 170 p. NTS/OTS 0527738;  | 1990             | ORG/Sprague-Dawley; 122.2 to 122.5 initial BW measured 7 days before dosing/ EXPDUR/F1 neonates after four days of lactation, F1 born 14 to 16 weeks after start of study, other durations reported/ EE/F2 weights also reported/ EDES/Raternal males given undosed tap water for two weeks after breeding, parent and F1 females dosed before mating and during gestation and lactation/ |
| 211                     | 250              | 247.5                       |                      | 247.5                 | mg/kg bwet           | 4              | 211                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured at 1 and 10 days/ EE/serum BUN and liver and kidney NPS also measured/ EDES/Rat-acute/ GENERAL/GRO, MOR, HIS effects discussed/ BCF = NR/                                                                                                                                                                                                        |
| 212                     | 15               | 14.37                       |                      | 14.37                 | ppm                  | 4              | 212                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stott WT;                  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                          | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/Fischer 344; Final BW // EE/Additional response sites include heart, kidney, liver and testes // CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)// GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported //                                                                                                              |
| 213                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 213                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured at 1 and 10 days/ EE/SDH, ALT, OCT also measured in serum, G-6-Phase also measured in liver/ EDES/Rat-acute/ GENERAL/GRO, MOR, HIS effects discussed/ BCF = NR/                                                                                                                                                                                  |
| 214                     | 50               | 47.9                        |                      | 47.9                  | ppm                  | 4              | 214                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stott WT;                  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                          | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/Fischer 344; Final BW // CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)// GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported //                                                                                                                                                                                      |
| 215                     | 50               | 47.9                        |                      | 47.9                  | ppm                  | 4              | 215                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stott WT;                  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                          | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/Fischer 344; Final BW // EE/Additional response sites include heart, kidney, liver and adrenal // CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)// GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported //                                                                                                             |
| 216                     |                  |                             |                      |                       | mg/kg bwet           | 3              | 216                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94136 | Dow Chemical Co.,                                                     | Propylene Dichloride: Oral Teratology Probe Study in New Zealand White Rabbits with Cover Letter Dated 100188 | EPA/OTS Doc #86-8900000040; 78 p. NTS/OTS 0516833; | 2000             | ORG/New Zealand White/ EXPDUR/exposure on day 7 through 19 gestation, measurements on day 20 gestation/ EDES/Seritically inseminated rabbits, chorionic gonadotropin injection 3 wk prior to insemination and on Day 0, exposure on day 7 through 19 gestation/                                                                                                                           |
| 217                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 217                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured at 1 to 13 weeks // EDES/Rat Long-term 13 week study, dosed daily, five times per week/ GENERAL/MOR, HIS effects discussed/ BCF = NR/                                                                                                                                                                                                            |
| 218                     | 100              | 99                          |                      | 99                    | mg/kg bwet           | 4              | 218                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured at 2, 4, 6, 8, 10 and 12 weeks // EE/SDH and OCT also measured/ EDES/Rat Long-term 13 week study, dosed daily, five times per week/ GENERAL/MOR, HIS effects discussed/ BCF = NR/                                                                                                                                                                |
| 219                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 219                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured at 2, 4, 6, 8, and 10 weeks // EE/BUN and NPS also measured Hematocrit and Hemoglobin measured at 13 weeks and during recovery // EDES/Rat Long-term 13 week study, dosed daily, five times per week/ GENERAL/MOR, HIS effects discussed/ BCF = NR/                                                                                              |
| 220                     |                  |                             |                      |                       | mg/kg bwet           | 3              | 220                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94136 | Dow Chemical Co.,                                                     | Propylene Dichloride: Oral Teratology Probe Study in New Zealand White Rabbits with Cover Letter Dated 100188 | EPA/OTS Doc #86-8900000040; 78 p. NTS/OTS 0516833; | 2000             | ORG/New Zealand White/ EXPDUR/exposure on day 7 through 19 gestation, measurements on day 20 gestation/ EDES/maternal weight gain, also reported maternal wt and maternal organ wt/ EDES/Seritically inseminated rabbits, chorionic gonadotropin injection 3 wk prior to insemination and on Day 0, exposure on day 7 through 19 gestation/                                               |
| 221                     |                  |                             |                      |                       | ppm                  | 4              | 221                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stott WT;                  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                          | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/B6C3F1; Final BW // CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)// GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported //                                                                                                                                                                                           |
| 222                     | 100              | 99                          |                      | 99                    | mg/kg bwet           | 4              | 222                     |    |          |               |                      |                     |                     | 99       | Lab      | GV       | NO      | 93651 | Bruckner JV/Mackenzie WF/Ramanathan R/Muralidhara S/Kim HJ/Dalles CE; | Oral Toxicity of 1,2-Dichloropropane: Acute, Short-Term, and Long-Term Studies in Rats                        | Fundam Appl Toxicol 12(4): 713-730                 | 1989             | ORG/Sprague-Dawley/ EXPDUR/Also measured during recovery/ EE/Also measured in the kidney and spleen/ EDES/Rat Long-term 13 week study, dosed daily, five times per week/ GENERAL/MOR, HIS effects discussed/ BCF = NR/                                                                                                                                                                    |
| 223                     | 50               | 47.9                        |                      | 47.9                  | ppm                  | 4              | 223                     |    |          |               |                      |                     |                     | 95.8     | Lab      | FD       | NO      | 93471 | Haut KT/Stebbins KE/Johnson KA/Shabrang SN/Stott WT;                  | Subchronic Toxicity of Ingested 1,3-Dichloropropane in Rats and Mice                                          | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/B6C3F1; Final BW // EE/Also reported, brain, heart, kidney and testes weight/ CHAR/Microencapsulated in a starch/sucrose matrix (80/20%)// GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported //                                                                                                                                 |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum   | Class    | Order      | Family    | Genus       | Species    | Common Name     | Effect Group | Effect | Meas  | Endpt1 | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |        |
|----------------------------|------------|------------------------------|----------------|----------|----------|------------|-----------|-------------|------------|-----------------|--------------|--------|-------|--------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|--------|
| 224                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | GRO          | GRO    | WGHT  | LOAEL  |        | terrestrial | Animal       | NONE  | 13 wk    |               | 95 d          |                    | F         |                     | 15 mg/kg/d      |                                | 14.37                   | 14.37                    |        |
| 225                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | CEL          | CEL    | RETI  | LOAEL  | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 97.5 mg/kg/d    |                                | 97.5                    | 97.5                     |        |
| 226                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | GRO          | MPH    | SMIX  | LOAEL  |        | terrestrial | Animal       | NONE  | 13 wk    |               | 95 d          |                    | F         |                     | 15 mg/kg/d      |                                | 14.37                   | 14.37                    |        |
| 227                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | BCM          | BCM    | HMACT | LOAEL  | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 240 mg/kg/d     |                                | 240                     | 240                      |        |
| 228                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | REP          | REP    | NCLU  | NOAEL  |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 240 mg/kg/d     |                                | 240                     | 240                      |        |
| 229                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | BCM          | BCM    | HMACT | NOEL   | LOEL   | terrestrial | Animal       |       |          | 22 d          |               | 22 d               |           | F                   |                 | 50 mg/kg/d                     |                         | 49.95                    | 49.95  |
| 230                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | GRO          | MPH    | OSSC  | NOEL   | LOEL   | terrestrial | Animal       |       |          | 22 d          |               | 22 d               |           | F                   |                 | 50 mg/kg/d                     |                         | 49.95                    | 49.95  |
| 231                        | 142289     | 1,3-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | CEL          | CEL    | PCCM  | NOAEL  |        | terrestrial | Animal       | NONE  | 48 h     |               | 2 d           |                    | F         |                     | 560 mg/kg       |                                | 554.4                   | 554.4                    |        |
| 232                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | REP          | REP    | RSUC  | NOAEL  |        | terrestrial | Animal       |       |          | 22 d          |               | 22 d               |           | F                   |                 | 150 mg/kg/d                    |                         | 149.85                   | 149.85 |
| 233                        | 142289     | 1,3-dichloropropane          | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | CEL          | CEL    | PCCM  | NOAEL  |        | terrestrial | Animal       | NONE  | 48 h     |               | 2 d           |                    | F         |                     | 560 mg/kg       |                                | 554.4                   | 554.4                    |        |
| 234                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | cuniculus  | European rabbit | GRO          | GRO    | WGHT  | NOAEL  |        | terrestrial | Animal       |       |          | 22 d          |               | 22 d               |           | F                   |                 | 150 mg/kg/d                    |                         | 149.85                   | 149.85 |
| 235                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT  | NOAEL  |        | terrestrial | Animal       | NONE  | 13 wk    |               | 95 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 236                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | GRO    | WGHT  | NOAEL  |        | terrestrial | Animal       | NONE  | 13 wk    |               | 95 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 237                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BEH          | FDB    | FCNS  | NOAEL  |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 238                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BEH          | FDB    | FCNS  | NOAEL  |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 239                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | PCLV  | NOAEL  |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 240                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | BCM          | BCM    | GLTH  | LOAEL  |        | terrestrial | Animal       | NONE  | 1 h      |               | 4.17E-02 d    |                    | A         |                     | 100 mg/kg       |                                | 100                     | 100                      |        |
| 241                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | BCM          | BCM    | PCLV  | NOAEL  |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |
| 242                        | 542756     | 1,3-dichloropropene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | BCM          | ENZ    | P450  | LOAEL  |        | terrestrial | Animal       | NONE  | 4 h      |               | 0.166666667 d |                    | A         |                     | 100 mg/kg       |                                | 100                     | 100                      |        |
| 243                        | 542756     | 1,3-dichloropropene (Telone) | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | CEL          | CEL    | RBCE  | NOAEL  |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/d   | 30                             |                         | 30                       |        |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                                                                            | Title                                                                                                                      | Source                                             | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 224                     |                  |                             |                      |                       | ppm                  | 4              | 224                     |    |          |               |                      |                     |                     | 99.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shihwang SN,Stott WT.                                              | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                       | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/BBC3F1. Final BW// CHARMicroencapsulated in a starch/sucrose matrix (80/20w//) GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported.// Histopathological findings also reported.//                                                                                                                                                                                                                                                                                                             |
| 225                     | 23.7             | 23.7                        |                      | 23.7                  | mg/kg bw/d           | 3              | 225                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94136 | Dow Chemical Co.                                                                                  | Propylene Dichloride: Oral Teratology Probe Study in New Zealand White Rabbits with Cover Letter Dated 100188              | EPA/OTS Doc #86-890000040; 78 p. NTIS/OTS 0515625. | 2000             | ORG/New Zealand White// EXPDUR/exposure on day 7 through 19 gestation, measurements on day 20 gestation// EE/hemolysis % of control, also measured leukocyte and platelet count// EDES/artificially inseminated rabbits, chorionic gonadotropin injection 3 wk prior to insemination and on Day 0, exposure on day 7 through 19 gestation// GENERAL/pathology observations//                                                                                                                                                                          |
| 226                     |                  |                             |                      |                       | ppm                  | 4              | 226                     |    |          |               |                      |                     |                     | 99.8     | Lab      | FD       | NO      | 93471 | Haut KT,Stebbins KE,Johnson KA,Shihwang SN,Stott WT.                                              | Subchronic Toxicity of Ingested 1,3-Dichloropropene in Rats and Mice                                                       | Fundam Appl Toxicol 32(2): 224-232                 | 1996             | ORG/BBC3F1. Final BW// CHARMicroencapsulated in a starch/sucrose matrix (80/20w//) GENERAL/Recovery data, mean body weights throughout experiment, and mean feed consumption also reported.// Histopathological findings also reported.//                                                                                                                                                                                                                                                                                                             |
| 227                     | 97.5             | 97.5                        |                      | 97.5                  | mg/kg bw/d           | 3              | 227                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94136 | Dow Chemical Co.                                                                                  | Propylene Dichloride: Oral Teratology Probe Study in New Zealand White Rabbits with Cover Letter Dated 100188              | EPA/OTS Doc #86-890000040; 78 p. NTIS/OTS 0515625. | 2000             | ORG/New Zealand White// EXPDUR/exposure on day 7 through 19 gestation, measurements on day 20 gestation// EE/hemolysis decreased, also reported hemoglobin// EDES/artificially inseminated rabbits, chorionic gonadotropin injection 3 wk prior to insemination and on Day 0, exposure on day 7 through 19 gestation// GENERAL/pathology observations//                                                                                                                                                                                               |
| 228                     |                  |                             |                      |                       | mg/kg bw/d           | 3              | 228                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94136 | Dow Chemical Co.                                                                                  | Propylene Dichloride: Oral Teratology Probe Study in New Zealand White Rabbits with Cover Letter Dated 100188              | EPA/OTS Doc #86-890000040; 78 p. NTIS/OTS 0515625. | 2000             | ORG/New Zealand White// EXPDUR/exposure on day 7 through 19 gestation, measurements on day 20 gestation// EE/number corpora lutea per doe, also reported number of litters, implantations per doe, % pre-implantation loss, fetuses per litter, resorptions per litter, % implantations resorbed, % litters with resorptions per litter with resorptions// EDES/artificially inseminated rabbits, chorionic gonadotropin injection 3 wk prior to insemination and on Day 0, exposure on day 7 through 19 gestation// GENERAL/pathology observations// |
| 229                     | 150              | 149.85                      |                      | 149.85                | mg/kg/d              | 3              | 229                     |    |          |               |                      |                     |                     | 99.9     | Lab      | NO       |         | 94130 | Dow Chemical Co.                                                                                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits with Cover Letter Dated 043062 | EPA/OTS Doc #88-920002250; 21 p. NTIS/OTS 0539272. | 1992             | NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 230                     | 150              | 149.85                      |                      | 149.85                | mg/kg/d              | 3              | 230                     |    |          |               |                      |                     |                     | 99.9     | Lab      | NO       |         | 94130 | Dow Chemical Co.                                                                                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits with Cover Letter Dated 043062 | EPA/OTS Doc #88-920002250; 21 p. NTIS/OTS 0539272. | 1992             | ORG/New Zealand White// EE/in the (pfs)mg// EDES/dosed on gestational days 7 through 19.// BCF = NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 231                     |                  |                             |                      |                       | mg/kg                | 2              | 231                     |    |          |               |                      |                     |                     | 99       | Lab      | IP       | NO      | 93684 | Orbelli R,Carere A,Leopardi P,Conti L,Fassio F,Rallieri F,Baroni D,Cilufi P,Cirelli S,Vericat JA. | Evaluation of 10 Aliphatic Halogenated Hydrocarbons in the Mouse Bone Marrow Micronucleus Test                             | Mutagenesis14(2): 207-215                          | 1999             | NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 232                     |                  |                             |                      |                       | mg/kg/d              | 3              | 232                     |    |          |               |                      |                     |                     | 99.9     | Lab      | NO       |         | 94130 | Dow Chemical Co.                                                                                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits with Cover Letter Dated 043062 | EPA/OTS Doc #88-920002250; 21 p. NTIS/OTS 0539272. | 1992             | ORG/New Zealand White// EDES/dosed on gestational days 7 through 19.// BCF = NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 233                     |                  |                             |                      |                       | mg/kg                | 2              | 233                     |    |          |               |                      |                     |                     | 99       | Lab      | IP       | NO      | 93684 | Orbelli R,Carere A,Leopardi P,Conti L,Fassio F,Rallieri F,Baroni D,Cilufi P,Cirelli S,Vericat JA. | Evaluation of 10 Aliphatic Halogenated Hydrocarbons in the Mouse Bone Marrow Micronucleus Test                             | Mutagenesis14(2): 207-215                          | 1999             | NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 234                     |                  |                             |                      |                       | mg/kg/d              | 3              | 234                     |    |          |               |                      |                     |                     | 99.9     | Lab      | NO       |         | 94130 | Dow Chemical Co.                                                                                  | Initial Submission: Propylene Dichloride Oral Teratology Study in New Zealand White Rabbits with Cover Letter Dated 043062 | EPA/OTS Doc #88-920002250; 21 p. NTIS/OTS 0539272. | 1992             | ORG/New Zealand White// EDES/dosed on gestational days 7 through 19.// BCF = NR//                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 235                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 235                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 236                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 236                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 237                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 237                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 238                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 238                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 239                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 239                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.// ED/no clear dose response, hemoglobin also reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 240                     |                  |                             |                      |                       | mg/kg bw/d           | 2              | 240                     |    |          |               |                      |                     |                     | 93.3     | Lab      | GV       | NO      | 75206 | Miyazaki T,Yamashita E,Asagawa T,Akiyama M,Tsuda S,Shirasu Y.                                     | Mechanism of 1,3-Dichloropropene-Induced Hepatotoxicity in Mice                                                            | J Pestic Sci 15(3): 419-425                        | 1990             | ORG/02095 kg default initial BW and default (Residue, SPF ICR strain) CHAR47.5 % cis, 45.4% trans// GENERAL/MIXTURE, RESIDUE data reported with no statistical BCF = NR//                                                                                                                                                                                                                                                                                                                                                                             |
| 241                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 241                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.// EE/hemoglobin also reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 242                     |                  |                             |                      |                       | mg/kg bw/d           | 2              | 242                     |    |          |               |                      |                     |                     | 93.3     | Lab      | GV       | NO      | 75206 | Miyazaki T,Yamashita E,Asagawa T,Akiyama M,Tsuda S,Shirasu Y.                                     | Mechanism of 1,3-Dichloropropene-Induced Hepatotoxicity in Mice                                                            | J Pestic Sci 15(3): 419-425                        | 1990             | ORG/02095 kg default initial BW and default (Residue, SPF ICR strain) ED/GOT and GPT also reported.// CHAR47.5 % cis, 45.4% trans// GENERAL/MIXTURE, RESIDUE data reported with no statistics// BCF = NR//                                                                                                                                                                                                                                                                                                                                            |
| 243                     |                  |                             |                      |                       | mg/kg bw/d           | 4              | 243                     |    |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                                                                                  | Sub-Chronic (90-Day) Toxicity Study with Telere (1,3-Dichloropropene) in Albino Rats (Final Report)                        | EPA/OTS Doc #86-870002010; 13 p. NTIS/OTS 0515625. | 1987             | ORG/Wistar, albino, wearing, final control weight reported.// ED/differential leukocytes also reported.//                                                                                                                                                                                                                                                                                                                                                                                                                                             |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum     | Class          | Order         | Family     | Genus        | Species    | Common Name                   | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig   | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|------------|----------------|---------------|------------|--------------|------------|-------------------------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-------------------|--------------------------------|-------------------------|--------------------------|
| 244                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | CEL          | CEL    | RBCE | NOAEL   |        | terrestrial | Animal       | NONE  | 12 wk    |               | 84 d          |                    | F         |                     | 30 mg/kg bw/dwt   | 30                             |                         | 30                       |
| 245                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | BCM          | ENZ    | ALPH | NOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         |                     | 30 mg/kg bw/dwt   | 30                             |                         | 30                       |
| 246                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | BCM          | ENZ    | ALPH | NOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         |                     | 30 mg/kg bw/dwt   | 30                             |                         | 30                       |
| 247                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 4 d      |               | 4 d           |                    | F         |                     | 30 mg/kg/d        | 29.97                          |                         | 29.97                    |
| 248                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         |                     | 10 mg/kg bw/dwt   | 10                             |                         | 10                       |
| 249                        | 542756     | 1,3-dichloropropane (Telone) | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | MPH    | SMIX | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 wk    |               | 93 d          |                    | F         |                     | 10 mg/kg bw/dwt   | 10                             |                         | 10                       |
| 250                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | REP          | REP    | PREG | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 125 mg/kg/d       | 124.875                        |                         | 124.875                  |
| 251                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | MPH    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 125 mg/kg/d       | 124.875                        |                         | 124.875                  |
| 252                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | POP          | POP    | SEXR | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 125 mg/kg/d       | 124.875                        |                         | 124.875                  |
| 253                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | DVP    | TERA | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 30 mg/kg/d        | 29.97                          |                         | 29.97                    |
| 254                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | GRO          | GRO    | GAIN | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 10 d     |               | 10 d          |                    | F         |                     | 50 mg/kg/d        | 49.95                          |                         | 49.95                    |
| 255                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | BCM          | BCM    | HMCT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | F         |                     | 50 mg/kg/d        | 49.95                          |                         | 49.95                    |
| 256                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | REP          | REP    | PREG | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d       | 149.85                         |                         | 149.85                   |
| 257                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | GRO          | MPH    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d       | 149.85                         |                         | 149.85                   |
| 258                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | POP          | POP    | SEXR | NOAEL   |        | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 150 mg/kg/d       | 149.85                         |                         | 149.85                   |
| 259                        | 78875      | 1,2-dichloropropane          | 4491           | Chordata   | Mammalia       | Lagomorpha    | Leporidae  | Oryctolagus  | cuniculus  | European rabbit               | GRO          | DVP    | TERA | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 22 d     |               | 22 d          |                    | F         |                     | 50 mg/kg/d        | 49.95                          |                         | 49.95                    |
| 260                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | GRO          | GRO    | GAIN | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 3 d      |               | 3 d           |                    | A         |                     | 62.6 mg/ml        | 62.6                           |                         | 62600                    |
| 261                        | 78875      | 1,2-dichloropropane          | 4510           | Chordata   | Mammalia       | Rodentia      | Muridae    | Rattus       | norvegicus | Norway rat                    | BEH          | FDB    | FCNS | NOAEL   |        | terrestrial | Animal       | NONE  | 10 d     |               | 10 d          |                    | A         |                     | 238 mg/ml         | 238                            |                         | 238000                   |
| 262                        | 142289     | 1,3-dichloropropane          | 4              | Chordata   | Actinopterygii | Salmoniformes | Salmonidae | Oncorhynchus | mykiss     | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | LC50    |        | aquatic     | Animal       | FW    | 96 h     |               | 4 d           |                    | F         |                     | 100 TO 130 mg/L   | 99 TO 128.7                    |                         | 99 TO 128.7              |
| 263                        | 142289     | 1,3-dichloropropane          | 4              | Chordata   | Actinopterygii | Salmoniformes | Salmonidae | Oncorhynchus | mykiss     | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | NR-ZERO |        | aquatic     | Animal       | FW    | 96 h     |               | 4 d           |                    | F         |                     | 100 mg/L          | 99                             |                         | 99                       |
| 264                        | 142289     | 1,3-dichloropropane          | 5              | Arthropoda | Branchiopoda   | Diptostraca   | Daphniidae | Daphnia      | magna      | Water flea                    | PHY          | ITX    | IMBL | EC50    |        | aquatic     | Animal       | FW    | 24 h     |               | 1 d           |                    | F         |                     | 67(68 TO 77) mg/L | 66.33(67.32 TO 76.23)          |                         | 66.33(67.32 TO 76.23)    |
| 265                        | 142289     | 1,3-dichloropropane          | 25             | Chordata   | Actinopterygii | Cypriniformes | Cyprinidae | Carassius    | auratus    | Goldfish                      | MOR          | MOR    | MORT | LC50    |        | Aquatic     | Animal       | FW    | 24 h     |               | 1 d           |                    | A         |                     | 160000 ug/L       | 160000                         |                         | 160                      |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH             | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                   | Title                                                                                                       | Source                                               | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----------------|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 244                     |                  |                             |                      |                       | mg/kg bwfw           | 4              | 244                     |                |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                         | Sub-Chronic (90-Day) Toxicity Study with Telone (1,3-Dichloropropene) in Albino Rats (Final Report)         | EPA/OTS Doc #86-87000230(1); 13 p. NTIS/OTS 0515825. | 1987             | ORG/Wistar, albino, wearing, final control weight reported/ EEDifferential leukocytes also reported/                                                                                                                                                                                                                                                                    |
| 245                     |                  |                             |                      |                       | mg/kg bwfw           | 4              | 245                     |                |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                         | Sub-Chronic (90-Day) Toxicity Study with Telone (1,3-Dichloropropene) in Albino Rats (Final Report)         | EPA/OTS Doc #86-87000230(1); 13 p. NTIS/OTS 0515825. | 1987             | ORG/Wistar, albino, wearing, final control weight reported/ EELigilamic oxalacetic transaminase, (glutamic pyruvic transaminase also reported/                                                                                                                                                                                                                          |
| 246                     |                  |                             |                      |                       | mg/kg bwfw           | 4              | 246                     |                |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                         | Sub-Chronic (90-Day) Toxicity Study with Telone (1,3-Dichloropropene) in Albino Rats (Final Report)         | EPA/OTS Doc #86-87000230(1); 13 p. NTIS/OTS 0515825. | 1987             | ORG/Wistar, albino, wearing, final control weight reported/ EEIno clear dose response, glutamic oxalacetic transaminase, glutamic pyruvic transaminase also reported/                                                                                                                                                                                                   |
| 247                     | 125              | 124.875                     |                      | 124.875               | mg/kg bwfw           | 3              | 247                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/Sprague-Dawley/ EXPDUR/Multiple durations reported/ EE/Gain also measured/ EDES/Rats, exposed gestational days 6 through 15./ BCF = NR/                                                                                                                                                                                                                             |
| 248                     | 30               | 30                          |                      | 30                    | mg/kg bwfw           | 4              | 248                     |                |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                         | Sub-Chronic (90-Day) Toxicity Study with Telone (1,3-Dichloropropene) in Albino Rats (Final Report)         | EPA/OTS Doc #86-87000230(1); 13 p. NTIS/OTS 0515825. | 1987             | ORG/Wistar, albino, wearing, final control weight reported/ EE/liver, heart, spleen, brain, ovary, thymus, adrenals also reported/                                                                                                                                                                                                                                      |
| 249                     | 30               | 30                          |                      | 30                    | mg/kg bwfw           | 4              | 249                     |                |          |               |                      |                     |                     | 100      | Lab      | GV       | NO      | 94133 | Dow Chemical Co.                         | Sub-Chronic (90-Day) Toxicity Study with Telone (1,3-Dichloropropene) in Albino Rats (Final Report)         | EPA/OTS Doc #86-87000230(1); 13 p. NTIS/OTS 0515825. | 1987             | ORG/Wistar, albino, wearing, final control weight reported/ EE/liver, heart, spleen, brain, ovary, thymus, adrenals also reported/                                                                                                                                                                                                                                      |
| 250                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 250                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/Sprague-Dawley/ EE/Multiple reproductive parameters measured/ EDES/Rats, exposed gestational days 6 through 15./ BCF = NR/                                                                                                                                                                                                                                          |
| 251                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 251                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/Sprague-Dawley/ EDES/Rats, exposed gestational days 6 through 15./ BCF = NR/                                                                                                                                                                                                                                                                                        |
| 252                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 252                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/Sprague-Dawley/ EE/delayed ossification/ EDES/Rats, exposed gestational days 6 through 15./ BCF = NR/                                                                                                                                                                                                                                                               |
| 253                     | 125              | 124.875                     |                      | 124.875               | mg/kg bwfw           | 3              | 253                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EXPDUR/Multiple durations reported/ EE/Also measured weight/ EDES/Rabbit, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                      |
| 254                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwfw           | 3              | 254                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EE/Flow additional parameters measured/ EDES/Rabbit, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                                           |
| 255                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwfw           | 3              | 255                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EE/additional reproductive parameters measured/ EDES/Rabbit, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                                   |
| 256                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 256                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EDES/Rat, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                                                                                      |
| 257                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 257                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EDES/Rat, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                                                                                      |
| 258                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 258                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/New Zealand white/ EE/F1 delayed ossification/ EDES/Rabbit, exposed gestational days 7 through 19./ BCF = NR/                                                                                                                                                                                                                                                       |
| 259                     | 150              | 149.85                      |                      | 149.85                | mg/kg bwfw           | 3              | 259                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 93652 | Kirk HD,Berdasco NM,Breslin WJ,Hanley TR | Developmental Toxicity of 1,2-Dichloropropane (PDC) in Rats and Rabbits Following Oral Gavage               | Fundam Appl Toxicol 28(1): 18-26                     | 1995             | ORG/Pregnant, Final BW/ EXPDUR/Day 6 through day 9. Other durations reported./ EE/Body weights also reported./ EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15./ GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported./      |
| 260                     | 125              | 125                         |                      | 123000                | mg/kg bwfw           | 4              | 260                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                         | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                  | EPA/OTS Doc #40-896719(1); 149 p. NTIS/OTS 0527712.  | 1989             | ORG/Pregnant, Final BW/ EXPDUR/Day 6 through day 16. Other durations reported./ EE/Body consumption also reported./ EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15./ GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported./ |
| 261                     |                  |                             |                      |                       | mg/kg bwfw           | 4              | 261                     |                |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                         | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                  | EPA/OTS Doc #40-896719(1); 149 p. NTIS/OTS 0527712.  | 1989             | ORG/Pregnant, Final BW/ EXPDUR/Day 6 through day 16. Other durations reported./ EE/Body consumption also reported./ EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15./ GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported./ |
| 262                     |                  |                             |                      |                       | mg/L                 | 5              | 262                     | 7.9 to 263/8.3 | 260*     | mg/L CaCO3    |                      |                     |                     | 99       | Lab      | S        | NO      | 94224 | Shell Oil Co.                            | The Acute Toxicity of 1,3-Dichloropropane to Rainbow Trout and Daphnia Magna with Cover Letter Dated 9/4/58 | EPA/OTS Doc #878216426(1); 6 p. NTIS/OTS 0510354.    | 1986             | ORG/Rainbow trout, 3.0 to 3.2 g initial BW, acclimated for 4 weeks prior to test/                                                                                                                                                                                                                                                                                       |
| 263                     |                  |                             |                      |                       | mg/L                 | 5              | 263                     | 7.9 to 263/8.3 | 260*     | mg/L CaCO3    |                      |                     |                     | 99       | Lab      | S        | NO      | 94224 | Shell Oil Co.                            | The Acute Toxicity of 1,3-Dichloropropane to Rainbow Trout and Daphnia Magna with Cover Letter Dated 9/4/58 | EPA/OTS Doc #878216426(1); 6 p. NTIS/OTS 0510354.    | 1986             | ORG/Rainbow trout, 3.0 to 3.2 g initial BW, acclimated for 4 weeks prior to test/                                                                                                                                                                                                                                                                                       |
| 264                     |                  |                             |                      |                       | mg/L                 | 8              | 264                     | 8.0 to 264/8.2 |          |               |                      |                     |                     | 99       | Lab      | S        | NO      | 94224 | Shell Oil Co.                            | The Acute Toxicity of 1,3-Dichloropropane to Rainbow Trout and Daphnia Magna with Cover Letter Dated 9/4/58 | EPA/OTS Doc #878216426(1); 6 p. NTIS/OTS 0510354.    | 1986             | EE/The reported EC50 value fell outside the 95% fiducial limits/                                                                                                                                                                                                                                                                                                        |
| 265                     |                  |                             |                      |                       | mg/L                 |                | 265                     | 7              |          |               |                      | NR                  |                     | 100      | LAB      | S        | 12996   | 623   | Bridie AL,Wolff CJM,Winter M             | The Acute Toxicity of Some Pesticomicals to Goldfish                                                        | Water Res 13(7): 623-626 (OECD Data File)            | 1979             | ORG/3 GF EDES/SEE PAPER FOR OTHER WATER CHEM PARAMETERS/ GENERAL/CLARIFIED STANDARD METHODS FOLLOWING                                                                                                                                                                                                                                                                   |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum      | Class          | Order              | Family             | Genus         | Species     | Common Name       | Effect Group | Effect | Meas | Endpt1 | Endpt2 | Habitat | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|-------------|----------------|--------------------|--------------------|---------------|-------------|-------------------|--------------|--------|------|--------|--------|---------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 266                        | 542756     | 1,3-dichloropropane (Telone) | 1              | Chordata    | Actinopterygii | Cypriniformes      | Cyprinidae         | Pimephales    | promelas    | Fathead minnow    | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 96h      |               | 4d            |                    | A         | 239 ug/L            |                 | 239                            |                         | 0.239                    |
| 267                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | NOEC   |        | Aquatic | Plant        | FW    | 7d       |               | 7d            |                    | A         | 31500 ug/L          |                 | 31500                          |                         | 31.5                     |
| 268                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 4d       |               | 4d            |                    | A         | 83000 ug/L          |                 | 83000                          |                         | 83                       |
| 269                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | NOEC   |        | Aquatic | Plant        | FW    | 10d      |               | 10d           |                    | A         | 29000 ug/L          |                 | 29000                          |                         | 29                       |
| 270                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 7d       |               | 7d            |                    | A         | 62000 ug/L          |                 | 62000                          |                         | 62                       |
| 271                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | NOEC   |        | Aquatic | Plant        | FW    | 4d       |               | 4d            |                    | A         | 38000 ug/L          |                 | 38000                          |                         | 38                       |
| 272                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 10d      |               | 10d           |                    | A         | 50000 ug/L          |                 | 50000                          |                         | 50                       |
| 273                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 7d       |               | 7d            |                    | A         | 62000 ug/L          |                 | 62000                          |                         | 62                       |
| 274                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 10d      |               | 10d           |                    | A         | 50000 ug/L          |                 | 50000                          |                         | 50                       |
| 275                        | 78875      | 1,2-dichloropropane          | 318            | Chlorophyta | Chlorophyceae  | Volvocales         | Chlamydomonadaceae | Chlamydomonas | reinhardtii | Green algae       | POP          | POP    | GPOP | EC50   |        | Aquatic | Plant        | FW    | 4d       |               | 4d            |                    | A         | 83000 ug/L          |                 | 83000                          |                         | 83                       |
| 276                        | 542756     | 1,3-dichloropropane (Telone) | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 48h      |               | 2d            |                    | F         | 6200 ug/L           |                 | 6200                           |                         | 6.2                      |
| 277                        | 542756     | 1,3-dichloropropane (Telone) | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | F         | 7200 ug/L           |                 | 7200                           |                         | 7.2                      |
| 278                        | 142289     | 1,3-dichloropropane          | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | F         | 490000 ug/L         |                 | 490000                         |                         | 490                      |
| 279                        | 142289     | 1,3-dichloropropane          | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 48h      |               | 2d            |                    | F         | 280000 ug/L         |                 | 280000                         |                         | 280                      |
| 280                        | 78875      | 1,2-dichloropropane          | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 48h      |               | 2d            |                    | F         | 52000 ug/L          |                 | 52000                          |                         | 52                       |
| 281                        | 542756     | 1,3-dichloropropane (Telone) | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | F         | 7200 ug/L           |                 | 7200                           |                         | 7.2                      |
| 282                        | 78875      | 1,2-dichloropropane          | 5              | Arthropoda  | Branchiopoda   | Diplostroica       | Daphniidae         | Daphnia       | magna       | Water flea        | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | F         | 99000 ug/L          |                 | 99000                          |                         | 99                       |
| 283                        | 542756     | 1,3-dichloropropane (Telone) | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | A         | 6.8 mg/L            |                 | 6.8                            |                         | 6.8                      |
| 284                        | 78875      | 1,2-dichloropropane          | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 96h      |               | 4d            |                    | A         | 280 ug/L            |                 | 280                            |                         | 280                      |
| 285                        | 78875      | 1,2-dichloropropane          | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | A         | 360 mg/L            |                 | 360                            |                         | 360                      |
| 286                        | 142289     | 1,3-dichloropropane          | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 96h      |               | 4d            |                    | A         | 520 mg/L            |                 | 520 >                          |                         | 520                      |
| 287                        | 142289     | 1,3-dichloropropane          | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 24h      |               | 1d            |                    | A         | 520 mg/L            |                 | 520 >                          |                         | 520                      |
| 288                        | 542756     | 1,3-dichloropropane (Telone) | 2              | Chordata    | Actinopterygii | Perciformes        | Centrarchidae      | Lepomis       | macrochirus | Bluegill          | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | FW    | 96h      |               | 4d            |                    | A         | 6.1 mg/L            |                 | 6.1                            |                         | 6.1                      |
| 289                        | 542756     | 1,3-dichloropropane (Telone) | 86             | Chordata    | Actinopterygii | Cyprinodontiformes | Cyprinodontidae    | Cyprinodon    | variegatus  | Sheepshead minnow | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | SW    | 48h      |               | 2d            |                    | F         | 3300 ug/L           |                 | 3300                           |                         | 3.3                      |
| 290                        | 542756     | 1,3-dichloropropane (Telone) | 86             | Chordata    | Actinopterygii | Cyprinodontiformes | Cyprinodontidae    | Cyprinodon    | variegatus  | Sheepshead minnow | MOR          | MOR    | MORT | NOEC   |        | Aquatic | Animal       | SW    | 96h      |               | 4d            |                    | F         | 1200 ug/L           |                 | 1200                           |                         | 1.2                      |
| 291                        | 542756     | 1,3-dichloropropane (Telone) | 86             | Chordata    | Actinopterygii | Cyprinodontiformes | Cyprinodontidae    | Cyprinodon    | variegatus  | Sheepshead minnow | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | SW    | 96h      |               | 4d            |                    | F         | 1800 ug/L           |                 | 1800                           |                         | 1.8                      |
| 292                        | 542756     | 1,3-dichloropropane (Telone) | 86             | Chordata    | Actinopterygii | Cyprinodontiformes | Cyprinodontidae    | Cyprinodon    | variegatus  | Sheepshead minnow | MOR          | MOR    | MORT | LC50   |        | Aquatic | Animal       | SW    | 24h      |               | 1d            |                    | F         | 6800 TO 9200 ug/L   |                 | 6800 TO 9200 >                 |                         | 6.8 TO 9.2               |

| Appendix F<br>Study ID No. | Conc Value2<br>Orig | Conc Value2<br>Purity Adjusted | Conc Value2<br>Operator | Conc Value2<br>Preferred | Conc Units<br>Preferred | Number of<br>Conc. | Appendix F<br>Study ID No. | pH     | Hardness   | Hardness<br>Unit   | Organic<br>Matter<br>Value | Organic<br>Matter Unit | Organic<br>Matter Type | % Purity | Test Loc. | Exp Type | Test ID | Ref # | Author                                                             | Title                                                                                                                   | Source                                                                                          | Publication<br>Year | Comments                                                                                                                                                                                                                                                                                          |
|----------------------------|---------------------|--------------------------------|-------------------------|--------------------------|-------------------------|--------------------|----------------------------|--------|------------|--------------------|----------------------------|------------------------|------------------------|----------|-----------|----------|---------|-------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 266                        |                     |                                |                         |                          | mg/L                    |                    | 266                        | 7.7    |            | mg/L<br>46.2 CaCO3 |                            |                        | NR                     | 100      | LAB       | F        | 4899    | 3217  | Geiger DL,Brooke<br>L.T.Carl DJ.                                   | Acute Toxicities of Organic Chemicals to<br>Fathead Minnows (Pimephales<br>promelas)                                    | Ch for Lake Superior<br>Environ Stud. Use of<br>Wisconsin-Superior,<br>Superior, WI(5). 332 p.- | 1990                | ORG/16.0 MM, 0.050 G/ CHAR/59H/<br>GENERAL/affected fish lost schooling<br>behavior, were hypoactive and had edema.<br>Equilibrium loss was not observed prior to<br>death. An intermediate cell was used to<br>further dilute the stock solution. Measured<br>concentrations were lower than(//) |
| 267                        |                     |                                |                         |                          | mg/L                    |                    | 267                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143342  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA/<br>EE/EC10//                                                                                                                                                                                                                                                    |
| 268                        |                     |                                |                         |                          | mg/L                    |                    | 268                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143340  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA//                                                                                                                                                                                                                                                                |
| 269                        |                     |                                |                         |                          | mg/L                    |                    | 269                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143343  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA/<br>EE/EC10//                                                                                                                                                                                                                                                    |
| 270                        |                     |                                |                         |                          | mg/L                    |                    | 270                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143341  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA//                                                                                                                                                                                                                                                                |
| 271                        |                     |                                |                         |                          | mg/L                    |                    | 271                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143339  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA/<br>EE/EC10//                                                                                                                                                                                                                                                    |
| 272                        |                     |                                |                         |                          | mg/L                    |                    | 272                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 143344  | 4008  | Schafer H-Hettler<br>H-Fritzsche U-Pitzen<br>G-Roderer G-Wenzel A. | Biotoxins Using Unicellular Algae and<br>Ciliates for Predicting Long-Term Effects<br>of Toxicants                      | Ecotoxicol Environ Saf 27(1):<br>84-81                                                          | 1994                | ORG/1000 CELLS/ML, STRAIN 11-3QA//                                                                                                                                                                                                                                                                |
| 273                        |                     |                                |                         |                          | mg/L                    |                    | 273                        | 6 to 7 |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 155646  | 4335  | Schafer H-Wenzel<br>A-Fritzsche U-Roderer<br>G-Trautspurger W.     | Long-Term Effects of Selected<br>Xenobiotics on Freshwater Green<br>Algae: Development of a Flow-Through<br>Test System | So Total Environ Suppl():<br>735-740                                                            | 1993                | ORG/1000 CELLS/ML//<br>GENERAL/OE/EC10//                                                                                                                                                                                                                                                          |
| 274                        |                     |                                |                         |                          | mg/L                    |                    | 274                        | 6 to 7 |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 155647  | 4335  | Schafer H-Wenzel<br>A-Fritzsche U-Roderer<br>G-Trautspurger W.     | Long-Term Effects of Selected<br>Xenobiotics on Freshwater Green<br>Algae: Development of a Flow-Through<br>Test System | So Total Environ Suppl():<br>735-740                                                            | 1993                | ORG/1000 CELLS/ML//<br>GENERAL/OE/EC10//                                                                                                                                                                                                                                                          |
| 275                        |                     |                                |                         |                          | mg/L                    |                    | 275                        | 6 to 7 |            |                    |                            |                        | NR                     | 100      | LAB       | F        | 155645  | 4335  | Schafer H-Wenzel<br>A-Fritzsche U-Roderer<br>G-Trautspurger W.     | Long-Term Effects of Selected<br>Xenobiotics on Freshwater Green<br>Algae: Development of a Flow-Through<br>Test System | So Total Environ Suppl():<br>735-740                                                            | 1993                | ORG/1000 CELLS/ML//<br>GENERAL/OE/EC10//                                                                                                                                                                                                                                                          |
| 276                        |                     |                                |                         |                          | mg/L                    |                    | 276                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3843    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 277                        |                     |                                |                         |                          | mg/L                    |                    | 277                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3794    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 278                        |                     |                                |                         |                          | mg/L                    |                    | 278                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3718    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 279                        |                     |                                |                         |                          | mg/L                    |                    | 279                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3719    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 280                        |                     |                                |                         |                          | mg/L                    |                    | 280                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3716    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 281                        |                     |                                |                         |                          | mg/L                    |                    | 281                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3842    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 282                        |                     |                                |                         |                          | mg/L                    |                    | 282                        | 8      |            | mg/L<br>173 CaCO3  |                            |                        | NR                     | 100      | LAB       | S        | 3715    | 5184  | LeBlanc GA.                                                        | Acute Toxicity of Priority Pollutants to<br>Water Flea (Daphnia magna)                                                  | Bull Environ Contam Toxicol<br>24(5): 684-691 (OECDG<br>Data File)                              | 1980                | CHARC -80W/ GENERAL/CONTROL/<br>SOLVENT, MORTALITY                                                                                                                                                                                                                                                |
| 283                        |                     |                                |                         |                          | mg/L                    |                    | 283                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230412  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/ EDES/ARS CAPPED//                                                                                                                                                                                                                                                                 |
| 284                        |                     |                                |                         |                          | mg/L                    |                    | 284                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230359  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/                                                                                                                                                                                                                                                                                   |
| 285                        |                     |                                |                         |                          | mg/L                    |                    | 285                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230415  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/                                                                                                                                                                                                                                                                                   |
| 286                        |                     |                                |                         |                          | mg/L                    |                    | 286                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230295  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/ EE/SOME UNDISSOLVED<br>CHEMICAL/ CHARINR, CAS# 68122 - N,N-<br>Dimethylformamide ALSO USED AS<br>SOLVENT, CAS# 67641 - 2-Propanone<br>ALSO USED AS SOLVENT//<br>GENERAL/CHAR/ETHANOL ALSO USED//                                                                                  |
| 287                        |                     |                                |                         |                          | mg/L                    |                    | 287                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230294  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/ EE/SOME UNDISSOLVED<br>CHEMICAL/ CHARINR, CAS# 68122 - N,N-<br>Dimethylformamide ALSO USED AS<br>SOLVENT, CAS# 67641 - 2-Propanone<br>ALSO USED AS SOLVENT//<br>GENERAL/CHAR/ETHANOL ALSO USED//                                                                                  |
| 288                        |                     |                                |                         |                          | mg/L                    |                    | 288                        | 7.9    | 32° to 48° | mg/L<br>CaCO3      |                            |                        | NR                     | >=80     | LAB       | S        | 230413  | 5590  | Buccafusco R.J.Elts<br>S.J.LebLanc GA.                             | Acute Toxicity of Priority Pollutants to<br>Bluegill (Lepomis macrochirus)                                              | Bull Environ Contam Toxicol<br>26(4): 446-452 (OECDG<br>Data File)                              | 1981                | ORG/0.32-1.2 G/ EDES/ARS CAPPED//                                                                                                                                                                                                                                                                 |
| 289                        |                     |                                |                         |                          | mg/L                    |                    | 289                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | S        | 124986  | 10366 | Heilmutter PT-Hollister<br>TA Parrish PR.                          | Acute Toxicity of 54 Industrial<br>Chemicals to Sheepshead Minnows<br>(Cyprinodon variegatus)                           | Bull Environ Contam Toxicol<br>27(5): 596-604 (OECDG<br>Data File)                              | 1981                | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                                                                   |
| 290                        |                     |                                |                         |                          | mg/L                    |                    | 290                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | S        | 124988  | 10366 | Heilmutter PT-Hollister<br>TA Parrish PR.                          | Acute Toxicity of 54 Industrial<br>Chemicals to Sheepshead Minnows<br>(Cyprinodon variegatus)                           | Bull Environ Contam Toxicol<br>27(5): 596-604 (OECDG<br>Data File)                              | 1981                | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                                                                   |
| 291                        |                     |                                |                         |                          | mg/L                    |                    | 291                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | S        | 124989  | 10366 | Heilmutter PT-Hollister<br>TA Parrish PR.                          | Acute Toxicity of 54 Industrial<br>Chemicals to Sheepshead Minnows<br>(Cyprinodon variegatus)                           | Bull Environ Contam Toxicol<br>27(5): 596-604 (OECDG<br>Data File)                              | 1981                | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                                                                   |
| 292                        |                     |                                |                         |                          | mg/L                    |                    | 292                        |        |            |                    |                            |                        | NR                     | 100      | LAB       | S        | 124985  | 10366 | Heilmutter PT-Hollister<br>TA Parrish PR.                          | Acute Toxicity of 54 Industrial<br>Chemicals to Sheepshead Minnows<br>(Cyprinodon variegatus)                           | Bull Environ Contam Toxicol<br>27(5): 596-604 (OECDG<br>Data File)                              | 1981                | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                                                                   |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                | Species Number | Phylum     | Class          | Order              | Family          | Genus      | Species    | Common Name       | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|------------------------------|----------------|------------|----------------|--------------------|-----------------|------------|------------|-------------------|--------------|--------|------|---------|--------|---------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 293                        | 542756     | 1,3-dichloropropane (Telone) | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | SW    | 72h      |               | 3d            | F                  |           | 2200 ug/L           |                 | 2200                           |                         | 2.2                      |
| 294                        | 142289     | 1,3-dichloropropane          | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | SW    | 96h      |               | 4d            | F                  |           | 87000 ug/L          |                 | 87000                          |                         | 87                       |
| 295                        | 142289     | 1,3-dichloropropane          | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | SW    | 48h      |               | 2d            | F                  |           | 87000 ug/L          |                 | 87000                          |                         | 87                       |
| 296                        | 142289     | 1,3-dichloropropane          | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | NOEC    |        | Aquatic | Animal       | SW    | 96h      |               | 4d            | F                  |           | 38000 ug/L          |                 | 38000                          |                         | 38                       |
| 297                        | 142289     | 1,3-dichloropropane          | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | SW    | 72h      |               | 3d            | F                  |           | 87000 ug/L          |                 | 87000                          |                         | 87                       |
| 298                        | 142289     | 1,3-dichloropropane          | 86             | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Cyprinodon | variegatus | Sheepshead minnow | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | SW    | 24h      |               | 1d            | F                  |           | 87000 ug/L          |                 | 87000                          |                         | 87                       |
| 299                        | 78875      | 1,2-dichloropropane          | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales | promelas   | Fathead minnow    | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | FW    | 96h      |               | 4d            | A                  |           | 127000 ug/L         |                 | 127000                         |                         | 127                      |
| 300                        | 142289     | 1,3-dichloropropane          | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales | promelas   | Fathead minnow    | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | FW    | 96h      |               | 4d            | A                  |           | 131000 ug/L         |                 | 131000                         |                         | 131                      |
| 301                        | 142289     | 1,3-dichloropropane          | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales | promelas   | Fathead minnow    | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | FW    | 96h      |               | 4d            | A                  |           | 94200 ug/L          |                 | 94200                          |                         | 94.2                     |
| 302                        | 542756     | 1,3-dichloropropane (Telone) | 2484           | Arthropoda | Malacostraca   | Amphipoda          | Gammaridae      | Gammarus   | minus      | Scud              | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | FW    | 96h      |               | 4d            | F                  |           | 2000 ug/L           |                 | 1840                           |                         | 1.84                     |
| 303                        | 542756     | 1,3-dichloropropane (Telone) | 964            | Arthropoda | Insecta        | Diptera            | Chironomidae    | Chironomus | riparius   | Midge             | MOR          | MOR    | MORT | LC50    |        | Aquatic | Animal       | FW    | 48h      |               | 2d            | F                  |           | 1350 ug/L           |                 | 1242                           |                         | 1.242                    |
| 304                        | 542756     | 1,3-dichloropropane (Telone) | 1610           | Mollusca   | Gastropoda     | Basommatophora     | Planorbidae     | Helisoma   | trivolvis  | Ramshorn snail    | MOR          | MOR    | MORT | NR-LETH |        | Aquatic | Animal       | FW    | 72h      |               | 3d            | F                  |           | 12000 ug/L          |                 | 11040                          |                         | 11.04                    |
| 305                        | 542756     | 1,3-dichloropropane (Telone) | 964            | Arthropoda | Insecta        | Diptera            | Chironomidae    | Chironomus | riparius   | Midge             | MOR          | MOR    | MORT | NR-LETH |        | Aquatic | Animal       | FW    | 48h      |               | 2d            | F                  |           | 3600 ug/L           |                 | 3312                           |                         | 3.312                    |
| 306                        | 542756     | 1,3-dichloropropane (Telone) | 964            | Arthropoda | Insecta        | Diptera            | Chironomidae    | Chironomus | riparius   | Midge             | MOR          | MOR    | MORT | NR-ZERO |        | Aquatic | Animal       | FW    | 24h      |               | 1d            | F                  |           | 2180 ug/L           |                 | 1987.2                         |                         | 1.9872                   |
| 307                        | 542756     | 1,3-dichloropropane (Telone) | 1610           | Mollusca   | Gastropoda     | Basommatophora     | Planorbidae     | Helisoma   | trivolvis  | Ramshorn snail    | MOR          | MOR    | MORT | NR-ZERO |        | Aquatic | Animal       | FW    | 48h      |               | 2d            | F                  |           | 7200 ug/L           |                 | 6624                           |                         | 6.624                    |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH          | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                                   | Title                                                                                            | Source                                                                                                                                                                                                                                                 | Publication Year | Comments                                                                                                                                                                                                                                                |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|-------------|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 293                     |                  |                             |                      |                       | mg/L                 |                | 293                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124987  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 294                     |                  |                             |                      |                       | mg/L                 |                | 294                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124983  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 295                     |                  |                             |                      |                       | mg/L                 |                | 295                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124981  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 296                     |                  |                             |                      |                       | mg/L                 |                | 296                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124984  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 297                     |                  |                             |                      |                       | mg/L                 |                | 297                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124982  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 298                     |                  |                             |                      |                       | mg/L                 |                | 298                     |             |          |               |                      |                     | NR                  | 100      | LAB      | S        | 124980  | 10366 | Heilmutter PT,Hollister TA,Parish PR     | Acute Toxicity of 54 Industrial Chemicals to Sheepshead Minnows ( <i>Cyprinodon variegatus</i> ) | Bull Environ Contam Toxicol 27(5): 596-604 (OECDG Data File)                                                                                                                                                                                           | 1983             | ORG/8-15 MM/ CHARIA, >80 % PU//                                                                                                                                                                                                                         |
| 299                     |                  |                             |                      |                       | mg/L                 |                | 299                     | 7.5         | 45.3     | CaCO3         |                      |                     | NR                  | 100      | LAB      | F        | 102367  | 12447 | Geiger DL,Northcott CE,Call DJ,Brooke LT | Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Volume 2         | Ctr for Lake Superior Environ Stud., Univ of Wisconsin-Superior, Superior, WI// 326 p.-                                                                                                                                                                | 1985             | CHAR/99// GENERAL//Affected fish lost schooling behavior, swam near the NR surface, were hypoactive, and lost equilibrium prior to death. NA effect data were recorded; individual lengths and weights of the test fish were not recorded; however !!!  |
| 300                     |                  |                             |                      |                       | mg/L                 |                | 300                     | 7           | 44.8     | CaCO3         |                      |                     | NR                  | 100      | LAB      | F        | 102354  | 12447 | Geiger DL,Northcott CE,Call DJ,Brooke LT | Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Volume 2         | Ctr for Lake Superior Environ Stud., Univ of Wisconsin-Superior, Superior, WI// 326 p.-                                                                                                                                                                | 1985             | CHAR/99// GENERAL//Affected fish lost schooling behavior and were hyper- NR active. Equilibrium loss was not observed prior to death. No effectNAdata were recorded; individual lengths and/or weights were not recorded; however, the measured mean!!! |
| 301                     |                  |                             |                      |                       | mg/L                 |                | 301                     | 7.9         | 44.5     | CaCO3         |                      |                     | NR                  | 100      | LAB      | F        | 102618  | 12448 | Brooke LT,Call DJ,Geiger DL,Northcott CE | Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Vol. 1           | Center for Lake Superior Environmental Stud., Univ of Wisconsin-Superior, Superior, WI// 414-                                                                                                                                                          | 1984             | ORG/21.4 MM, 0.184 G/ CHAR/99// GENERAL//Affected fish were hypoactive, then lost equilibrium priorNR to death. NA!!!!                                                                                                                                  |
| 302                     |                  |                             |                      |                       | mg/L                 |                | 302                     | 7.3 to 7.6  | 42 to 44 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189902  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             | ORG/EARLY LIFE STAGE// EEMOVING AVERAGE METHOD//                                                                                                                                                                                                        |
| 303                     |                  |                             |                      |                       | mg/L                 |                | 303                     | 7.5 to 7.7  | 44 to 46 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189904  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             | EE/LOG PROBIT//                                                                                                                                                                                                                                         |
| 304                     |                  |                             |                      |                       | mg/L                 |                | 304                     | 7.35 to 7.6 | 40 to 42 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189909  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             |                                                                                                                                                                                                                                                         |
| 305                     |                  |                             |                      |                       | mg/L                 |                | 305                     | 7.5 to 7.7  | 44 to 46 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189906  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             |                                                                                                                                                                                                                                                         |
| 306                     |                  |                             |                      |                       | mg/L                 |                | 306                     | 7.5 to 7.7  | 44 to 46 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189905  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             |                                                                                                                                                                                                                                                         |
| 307                     |                  |                             |                      |                       | mg/L                 |                | 307                     | 7.35 to 7.6 | 40 to 42 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189908  | 14396 | Horne JD,Olad BR                         | Aquatic Toxicity Studies of Six Priority Pollutants                                              | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX.99 p / Appendix A, J D Horne, M A Swersky, T A Hollister, B R Olad, and J H Kennedy (Eds ). Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4398, Houston, TX// 47 p.- | 1983             |                                                                                                                                                                                                                                                         |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                       | Species Number | Phylum     | Class          | Order              | Family          | Genus         | Species     | Common Name                   | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|-------------------------------------|----------------|------------|----------------|--------------------|-----------------|---------------|-------------|-------------------------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|
|                            | 308        | 542756 1,3-dichloropropene (Telone) | 1610           | Mollusca   | Gastropoda     | Basommatophora     | Planorbidae     | Helisoma      | trivolvis   | Ramshorn snail                | MOR          | MOR    | MORT | LC50    |        | Aquatic     | Animal       | FW    | 96 h     |               | 4d            |                    | F         |                     | 8100 ug/L       |                                | 7452                    | 7.452                    |
|                            | 309        | 542756 1,3-dichloropropene (Telone) | 10352          | Arthropoda | Insecta        | Plecoptera         | Peltoperidae    | Tallaperla    | maria       | Stonefly                      | MOR          | MOR    | MORT | LC50    |        | Aquatic     | Animal       | FW    | 96 h     |               | 4d            |                    | F         |                     | 5420 ug/L       |                                | 4986.4                  | 4.9864                   |
|                            | 310        | 142289 1,3-dichloropropane          | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales    | promelas    | Fathead minnow                | GRO          | GRO    | GGRO | MATC    |        | Aquatic     | Animal       | FW    | 32 d     |               | 32d           |                    | A         | 8000 TO 16000       | ug/L            | 8000 TO 16000                  |                         | 8 TO 16                  |
|                            | 311        | 78875 1,2-dichloropropane           | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales    | promelas    | Fathead minnow                | GRO          | GRO    | GGRO | MATC    |        | Aquatic     | Animal       | FW    | 32 d     |               | 32d           |                    | A         | 6000 TO 11000       | ug/L            | 6000 TO 11000                  |                         | 6 TO 11                  |
|                            | 312        | 542756 1,3-dichloropropene (Telone) | 109            | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Oryzias       | latipes     | Medaka, high-eyes             | MOR          | MOR    | MORT | NR-LETH |        | Aquatic     | Animal       | FW    | 28 d     |               | 28d           |                    | F         |                     | 2560 ug/L       |                                | 2560                    | 2.56                     |
|                            | 313        | 542756 1,3-dichloropropene (Telone) | 109            | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Oryzias       | latipes     | Medaka, high-eyes             | MOR          | MOR    | MORT | NR-ZERO |        | Aquatic     | Animal       | FW    | 28 d     |               | 28d           |                    | F         |                     | 120 ug/L        |                                | 120                     | 0.12                     |
|                            | 314        | 542756 1,3-dichloropropene (Telone) | 109            | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Oryzias       | latipes     | Medaka, high-eyes             | MOR          | MOR    | MORT | NR-LETH |        | Aquatic     | Animal       | FW    | 28 d     |               | 28d           |                    | A         |                     | 2680 ug/L       |                                | 2680                    | 2.68                     |
|                            | 315        | 542756 1,3-dichloropropene (Telone) | 109            | Chordata   | Actinopterygii | Cyprinodontiformes | Cyprinodontidae | Oryzias       | latipes     | Medaka, high-eyes             | MOR          | MOR    | MORT | NR-ZERO |        | Aquatic     | Animal       | FW    | 28 d     |               | 28d           |                    | A         |                     | 130 ug/L        |                                | 130                     | 0.13                     |
|                            | 316        | 542756 1,3-dichloropropene (Telone) | 4              | Chordata   | Actinopterygii | Salmoniformes      | Salmonidae      | Oncorhynchus  | mykiss      | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | LC50    |        | Aquatic     | Animal       | FW    | 96 h     |               | 4d            |                    | F         |                     | 5.36 mg/L       |                                | 5.36                    | 5.36                     |
|                            | 317        | 542756 1,3-dichloropropene (Telone) | 1              | Chordata   | Actinopterygii | Cypriniformes      | Cyprinidae      | Pimephales    | promelas    | Fathead minnow                | MOR          | MOR    | MORT | LC50    |        | Aquatic     | Animal       | FW    | 96 h     |               | 4d            |                    | F         |                     | 2.32 mg/L       |                                | 2.32                    | 2.32                     |
|                            | 318        | 542756 1,3-dichloropropene (Telone) | 4              | Chordata   | Actinopterygii | Salmoniformes      | Salmonidae      | Oncorhynchus  | mykiss      | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | NR-ZERO |        | Aquatic     | Animal       | FW    | 24 h     |               | 1d            |                    | F         |                     | 8 mg/L          |                                | 8                       | 8                        |
|                            | 319        | 542756 1,3-dichloropropene (Telone) | 4              | Chordata   | Actinopterygii | Salmoniformes      | Salmonidae      | Oncorhynchus  | mykiss      | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | NR-LETH |        | Aquatic     | Animal       | FW    | 48 h     |               | 2d            |                    | F         |                     | 8 mg/L          |                                | 8                       | 8                        |
|                            | 320        | 542756 1,3-dichloropropene (Telone) | 4              | Chordata   | Actinopterygii | Salmoniformes      | Salmonidae      | Oncorhynchus  | mykiss      | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | NR-LETH |        | Aquatic     | Animal       | FW    | 48 h     |               | 2d            |                    | F         |                     | 8 mg/L          |                                | 8                       | 8                        |
|                            | 321        | 78875 1,2-dichloropropane           | 4979           | Annelida   | Oligochaeta    | Haplotaxida        | Lumbricidae     | Ailolobophora | tuberculata | Earthworm                     | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | FLT   | 48 h     |               | 2d            |                    | NR        |                     | 84 ug/cm2       |                                | 82.32                   | 82.32                    |
|                            | 322        | 78875 1,2-dichloropropane           | 4979           | Annelida   | Oligochaeta    | Haplotaxida        | Lumbricidae     | Ailolobophora | tuberculata | Earthworm                     | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | ART   | 48 h     |               | 2d            |                    | NR        |                     | 4272 mg/kg      |                                | 4272                    | 4272                     |
|                            | 323        | 78875 1,2-dichloropropane           | 10090          | Annelida   | Oligochaeta    | Haplotaxida        | Megascolecidae  | Perionyx      | excavatus   | India blue earthworm          | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | NR    | 48 h     |               | 2d            |                    | NR        |                     | 63 ug/cm2       |                                | 61.74                   | 61.74                    |
|                            | 324        | 78875 1,2-dichloropropane           | 10090          | Annelida   | Oligochaeta    | Haplotaxida        | Megascolecidae  | Perionyx      | excavatus   | India blue earthworm          | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | ART   | 48 h     |               | 2d            |                    | NR        |                     | 3880 mg/kg      |                                | 3802.4                  | 3802.4                   |
|                            | 325        | 78875 1,2-dichloropropane           | 10089          | Annelida   | Oligochaeta    | Haplotaxida        | Eudrilidae      | Eudrilus      | eugeniae    | African earthworm             | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | NR    | 48 h     |               | 2d            |                    | NR        |                     | 44 ug/cm2       |                                | 43.12                   | 43.12                    |
|                            | 326        | 78875 1,2-dichloropropane           | 10089          | Annelida   | Oligochaeta    | Haplotaxida        | Eudrilidae      | Eudrilus      | eugeniae    | African earthworm             | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | ART   | 48 h     |               | 2d            |                    | NR        |                     | 5300 mg/kg      |                                | 5194                    | 5194                     |
|                            | 327        | 78875 1,2-dichloropropane           | 4991           | Annelida   | Oligochaeta    | Haplotaxida        | Lumbricidae     | Eisenia       | fetida      | earthworm                     | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | ART   | 48 h     |               | 2d            |                    | NR        |                     | 4240 mg/kg      |                                | 4155.2                  | 4155.2                   |
|                            | 328        | 78875 1,2-dichloropropane           | 4991           | Annelida   | Oligochaeta    | Haplotaxida        | Lumbricidae     | Eisenia       | fetida      | earthworm                     | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | FLT   | 48 h     |               | 2d            |                    | NR        |                     | 64 ug/cm2       |                                | 64                      | 64                       |
|                            | 329        | 78875 1,2-dichloropropane           | 4991           | Annelida   | Oligochaeta    | Haplotaxida        | Lumbricidae     | Eisenia       | fetida      | earthworm                     | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | FLT   | 48 h     |               | 2d            |                    | NR        |                     | 64 ug/cm2       |                                | 64                      | 64                       |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH              | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref #                                      | Author                                                                  | Title                                                                                                                        | Source                                                                                                                                                                                                                                                    | Publication Year                                                                                     | Comments                                                                                                                                          |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|-----------------|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|--------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 308                     |                  |                             |                      |                       | mg/L                 |                |                         | 7.35 to 308/7.6 | 40 to 42 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 189903  | 14396                                      | Horne JD,Olson DL                                                       | Aquatic Toxicity Studies of Six Priority Pollutants                                                                          | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX 99 p / Appendix A, J D Horne, M A Swirsky, T A Hollister, B R Olson, and J H Kennedy (Eds.), Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4396, Houston, TX (1974) p.- | 1983                                                                                                 | EE/MAOVING LITCHFIELD AND WILCOXONI                                                                                                               |
| 309                     |                  |                             |                      |                       | mg/L                 |                |                         | 7.2 to 309/7.4  | 46 to 49 | mg/L CaCO3    |                      | mg/L                | TOC                 | 92       | LAB      | S        | 208323  | 14396                                      | Horne JD,Olson DL                                                       | Aquatic Toxicity Studies of Six Priority Pollutants                                                                          | Rep No 4380, NUS Corp., Houston Environ Center, Houston, TX 99 p / Appendix A, J D Horne, M A Swirsky, T A Hollister, B R Olson, and J H Kennedy (Eds.), Acute Toxicity Studies of Five Priority Pollutants, NUS Corp Rep No 4396, Houston, TX (1974) p.- | 1983                                                                                                 | ORG/EARLY LIFE STAGE/ EE/LOG PROBIT/                                                                                                              |
| 310                     |                  |                             |                      |                       | mg/L                 |                | 310                     | 7.4             | 45       | CaCO3         |                      |                     | NR                  | 100      | LAB      | F        | 119662  | 15301                                      | Benoit DA,Puglisi FA,Olson DL                                           | A Fathead Minnow Pimephales promelas Early Life Stage Toxicity Test Method Evaluation and Exposure to Four Organic Chemicals | Environ Pollut Ser A28(2): 189-197 (OECD Data File)                                                                                                                                                                                                       | 1982                                                                                                 | ORG/EGG-LARVAE/ CHAR/98-99 %/ GENERAL/OEF/HAT WT/III                                                                                              |
| 311                     |                  |                             |                      |                       | mg/L                 |                | 311                     | 7.2             | 48       | CaCO3         |                      |                     | NR                  | 100      | LAB      | F        | 119664  | 15301                                      | Benoit DA,Puglisi FA,Olson DL                                           | A Fathead Minnow Pimephales promelas Early Life Stage Toxicity Test Method Evaluation and Exposure to Four Organic Chemicals | Environ Pollut Ser A28(2): 189-197 (OECD Data File)                                                                                                                                                                                                       | 1982                                                                                                 | ORG/EGG-LARVAE/ CHAR/98-99 %/ GENERAL/OEF/HAT WT/III                                                                                              |
| 312                     |                  |                             |                      |                       | mg/L                 |                | 312                     |                 |          |               |                      |                     | NR                  | 100      | LAB      | F        | 154798  | 17120                                      | Johnson R,Tietge J,Stokes G                                             | Validation of the Medaka Assay for Chemical Carcinogens                                                                      | In: Technical Report 9306, Compendium of the FY1988 & FY1989 Research Reviews for the Research Methods Branch, U S Army Biomedical Research & Development Lab., Ft Detrick, Frederick, MD; 45-80 (U.S.NTIS AD-A272667)                                    | 1993                                                                                                 | EE/SURVIVAL/ CHAR/98-95 % PUI/ GENERAL/OEF/RECOVERY/III                                                                                           |
| 313                     |                  |                             |                      |                       | mg/L                 |                | 313                     |                 |          |               |                      |                     | NR                  | 100      | LAB      | F        | 154800  | 17120                                      | Johnson R,Tietge J,Stokes G                                             | Validation of the Medaka Assay for Chemical Carcinogens                                                                      | In: Technical Report 9306, Compendium of the FY1988 & FY1989 Research Reviews for the Research Methods Branch, U S Army Biomedical Research & Development Lab., Ft Detrick, Frederick, MD; 45-80 (U.S.NTIS AD-A272667)                                    | 1993                                                                                                 | EE/SURVIVAL/ CHAR/98-95 % PUI/ GENERAL/OEF/RECOVERY/III                                                                                           |
| 314                     |                  |                             |                      |                       | mg/L                 |                | 314                     |                 |          |               |                      |                     | NR                  | 100      | LAB      | F        | 44462   | 17120                                      | Johnson R,Tietge J,Stokes G,Lothenbach D                                | The Medaka Carcinogenesis Model                                                                                              | In: Tech Rep 9306, Compendium of the FY1988 & FY1989 Res Rev for the Res Methods Branch, U S Army Biomedical Res & Dev Lab., Ft Detrick, Frederick, MD; 147-172 (U.S.NTIS AD A272667)                                                                     | 1993                                                                                                 | EE/SURVIVAL/                                                                                                                                      |
| 315                     |                  |                             |                      |                       | mg/L                 |                | 315                     |                 |          |               |                      |                     | NR                  | 100      | LAB      | F        | 165999  | 17120                                      | Johnson R,Tietge J,Stokes G,Lothenbach D                                | The Medaka Carcinogenesis Model                                                                                              | In: Tech Rep 9306, Compendium of the FY1988 & FY1989 Res Rev for the Res Methods Branch, U S Army Biomedical Res & Dev Lab., Ft Detrick, Frederick, MD; 147-172 (U.S.NTIS AD A272667)                                                                     | 1993                                                                                                 | EE/SURVIVAL/                                                                                                                                      |
| 316                     |                  |                             |                      |                       | mg/L                 |                | 316                     | 6.88 to 7.29    | 51       | CaCO3         | 0.88                 | mg/L                | TOC                 | 100      | LAB      | S        | 223243  | 45758                                      | Berge WJ,Black JA,Ballard ST,McDonnell WE                               | Acute Toxicity Testing with Freshwater Fish                                                                                  | Q, 47 p.-                                                                                                                                                                                                                                                 | 1982                                                                                                 | ORG/46.3 MM SL, 1.61 G WET WT/ GENERAL/OEF/TOXICITY SYMPTOMS/III                                                                                  |
| 317                     |                  |                             |                      |                       | mg/L                 |                | 317                     | 6.92 to 7.33    | 85       | CaCO3         | 0.85                 | mg/L                | TOC                 | 100      | LAB      | S        | 223242  | 45758                                      | Berge WJ,Black JA,Ballard ST,McDonnell WE                               | Acute Toxicity Testing with Freshwater Fish                                                                                  | Q, 47 p.-                                                                                                                                                                                                                                                 | 1982                                                                                                 | ORG/42.7 MM SL, 1.09 G WET WT/ GENERAL/OEF/TOXICITY SYMPTOMS/III                                                                                  |
| 318                     |                  |                             |                      |                       | mg/L                 |                | 318                     | 7.29            | 51       | CaCO3         | 0.88                 | mg/L                | TOC                 | 100      | LAB      | S        | 229476  | 45758                                      | Berge WJ,Black JA,Ballard ST,McDonnell WE                               | Acute Toxicity Testing with Freshwater Fish                                                                                  | Q, 47 p.-                                                                                                                                                                                                                                                 | 1982                                                                                                 | ORG/46.3 MM SL, 1.61 G WET WT/                                                                                                                    |
| 319                     |                  |                             |                      |                       | mg/L                 |                | 319                     | 6.88 to 7.29    | 51       | CaCO3         | 0.88                 | mg/L                | TOC                 | 100      | LAB      | S        | 223244  | 45758                                      | Berge WJ,Black JA,Ballard ST,McDonnell WE                               | Acute Toxicity Testing with Freshwater Fish                                                                                  | Q, 47 p.-                                                                                                                                                                                                                                                 | 1982                                                                                                 | ORG/46.3 MM SL, 1.61 G WET WT/ GENERAL/OEF/TOXICITY SYMPTOMS/III                                                                                  |
| 320                     |                  |                             |                      |                       | mg/L                 |                | 320                     | 7.29            | 51       | CaCO3         | 0.88                 | mg/L                | TOC                 | 100      | LAB      | S        | 229475  | 45758                                      | Berge WJ,Black JA,Ballard ST,McDonnell WE                               | Acute Toxicity Testing with Freshwater Fish                                                                                  | Q, 47 p.-                                                                                                                                                                                                                                                 | 1982                                                                                                 | ORG/46.3 MM SL, 1.61 G WET WT/                                                                                                                    |
| 321                     |                  |                             |                      |                       | ug/Lcm2              | >=5            | 321                     |                 |          |               |                      |                     | NR                  | >=98     | Lab      | MT       | 4129    | 40417                                      | Neuhauser EF,Durkin PR,Malecki MR,Anatra M                              | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species                                                      | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                                                                                                                                                     | 1986                                                                                                 | CHAR/NR, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT/                                                |
| 322                     |                  |                             |                      |                       | ppm                  | >=5            | 322                     | 6.00%           |          |               | 10%                  | peat                | 100                 | lab      | DA       | 4131     | 40417   | Neuhauser EF,Durkin PR,Malecki MR,Anatra M | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                        | 1986                                                                                                                                                                                                                                                      | CHAR/98 %, CAS# 7732185 - Water ALSO USED AS SOLVENT, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT/ |                                                                                                                                                   |
| 323                     |                  |                             |                      |                       | ug/Lcm2              | >=5            | 323                     |                 |          |               |                      |                     | NR                  | >=98     | Lab      | MT       | 45414   | 40417                                      | Neuhauser EF,Durkin PR,Malecki MR,Anatra M                              | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species                                                      | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                                                                                                                                                     | 1986                                                                                                 | CHAR/NR, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT/                                                |
| 324                     |                  |                             |                      |                       | ppm                  | >=5            | 324                     | 6.0*            |          |               | 10%                  | peat                | >=98                | Lab      | DA       | 45416    | 40417   | Neuhauser EF,Durkin PR,Malecki MR,Anatra M | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                        | 1986                                                                                                                                                                                                                                                      | CHAR/NR, CAS# 7732185 - Water ALSO USED AS SOLVENT, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT/   |                                                                                                                                                   |
| 325                     |                  |                             |                      |                       | ug/Lcm2              | >=5            | 325                     |                 |          |               |                      |                     | NR                  | >=98     | Lab      | MT       | 45413   | 40417                                      | Neuhauser EF,Durkin PR,Malecki MR,Anatra M                              | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species                                                      | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                                                                                                                                                     | 1986                                                                                                 | CHAR/NR, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT/ |
| 326                     |                  |                             |                      |                       | ppm                  | >=5            | 326                     | 320/6.0*        |          |               | 10%                  | peat                | >=98                | Lab      | DA       | 45415    | 40417   | Neuhauser EF,Durkin PR,Malecki MR,Anatra M | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                        | 1986                                                                                                                                                                                                                                                      | CHAR/NR, CAS# 7732185 - Water ALSO USED AS SOLVENT, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT/   |                                                                                                                                                   |
| 327                     |                  |                             |                      |                       | ppm                  | >=5            | 327                     | 6.0*            |          |               | 10%                  | peat                | >=98                | Lab      | DA       | 4132     | 40417   | Neuhauser EF,Durkin PR,Malecki MR,Anatra M | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                        | 1986                                                                                                                                                                                                                                                      | CHAR/98 %, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT/ |                                                                                                                                                   |
| 328                     |                  |                             |                      |                       | ug/Lcm2              | >=5            | 328                     |                 |          |               |                      |                     | NR                  | 100      | lab      | MT       | 4130    | 40417                                      | Neuhauser EF,Durkin PR,Malecki MR,Anatra M                              | Comparative Toxicity of Ten Organic Chemicals to Four Earthworm Species                                                      | Comp Biochem Physiol C83(1): 197-200 (OECD Data File)                                                                                                                                                                                                     | 1986                                                                                                 | CHAR/98 %, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT/                                              |
| 329                     |                  |                             |                      |                       | ug/Lcm2              | >=5            | 329                     |                 |          |               |                      |                     | NR                  | 100      | lab      | DM       | 4355    | 40495                                      | Neuhauser EF,Loehr RC,Malecki MR,Milgrom DL,Durkin PR                   | The Toxicity of Selected Organic Chemicals to the Earthworm Eisenia fetida                                                   | J Environ Qual 14(3): 383-388 (OECD Data File)                                                                                                                                                                                                            | 1985                                                                                                 | ORG/300-500 MG/ CHAR/98%/                                                                                                                         |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name       | Species Number | Phylum   | Class       | Order       | Family      | Genus   | Species    | Common Name | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |        |
|----------------------------|------------|---------------------|----------------|----------|-------------|-------------|-------------|---------|------------|-------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|--------|
| 331                        | 78875      | 1,2-dichloropropane | 4991           | Annelida | Oligochaeta | Haplotaxida | Lumbricidae | Eisenia | fetida     | earthworm   | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | ART   |          | 2 wk          |               | 14 d               |           | NR                  |                 | 4240 mg/kg soil                |                         | 4155.2                   | 4155.2 |
| 332                        | 78875      | 1,2-dichloropropane | 4991           | Annelida | Oligochaeta | Haplotaxida | Lumbricidae | Eisenia | fetida     | earthworm   | MOR          | MOR    | MORT | LC50    |        | Terrestrial | Animal       | FLT   |          | 48 h          |               | 2 d                |           | NR                  |                 | 64 µg/cm2                      |                         | 62.72                    | 62.72  |
| 333                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | MPH    | SMIX | NOAEL   |        | terrestrial | Animal       | NONE  |          | 3 d           |               | 3 d                |           | A                   |                 | 238 mg/ml                      |                         | 238                      | 238000 |
| 334                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | BCM          | BCM    | HMCT | NOAEL   |        | terrestrial | Animal       | NONE  |          | 10 d          |               | 10 d               |           | A                   |                 | 238 mg/ml                      |                         | 238                      | 238000 |
| 335                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | CEL          | CEL    | RBCE | NOAEL   |        | terrestrial | Animal       | NONE  |          | 10 d          |               | 10 d               |           | A                   |                 | 238 mg/ml                      |                         | 238                      | 238000 |
| 336                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | REP          | REP    | RSEM | NOAEL   |        | terrestrial | Animal       | NONE  |          | 10 d          |               | 10 d               |           | A                   |                 | 238 mg/ml                      |                         | 238                      | 238000 |
| 337                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | PHY          | PHY    | THRG | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  |          | 1 h           |               | 4.17E-02 d         |           | A                   |                 | 25.4 mg/ml                     |                         | 25.4                     | 25400  |
| 338                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NR    |          | 3 d           |               | 3 d                |           | F                   |                 | 30 mg/kg bw/d                  |                         | 29.97                    | 29.97  |
| 339                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 500 mg/kg bw/d                 |                         | 499.5                    | 499.5  |
| 340                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | GRO    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 300 mg/kg bw/d                 |                         | 299.7                    | 299.7  |
| 341                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | GRO    | WGHT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 500 mg/kg bw/d                 |                         | 499.5                    | 499.5  |
| 342                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | BEH          | BEH    | LOCO | NOAEL   |        | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 500 mg/kg bw/d                 |                         | 499.5                    | 499.5  |
| 343                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | BCM          | BCM    | PLAT | LOAEL   |        | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 300 mg/kg bw/d                 |                         | 299.7                    | 299.7  |
| 344                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | BCM          | BCM    | PLAT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 500 mg/kg bw/d                 |                         | 499.5                    | 499.5  |
| 345                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | MPH    | WGHT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 500 mg/kg bw/d                 |                         | 499.5                    | 499.5  |
| 346                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia    | Rodentia    | Muridae     | Rattus  | norvegicus | Norway rat  | GRO          | MPH    | WGHT | LOAEL   |        | terrestrial | Animal       | NONE  |          | 14 d          |               | 14 d               |           | F                   |                 | 300 mg/kg bw/d                 |                         | 299.7                    | 299.7  |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                           | Title                                                                                                                                                                            | Source                                                                                                                                                         | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 331                     |                  |                             |                      |                       | mg/kg soil           | >=4            | 331                     | 6  |          |               |                      | 10%                 | peat                | >=98     | Lab      | DA       | 5047    | 40576 | Neuhauser EF;Loehr RC;Marecki MR | Contact and Artificial Soil Tests Using Earthworms to Evaluate the Impact of Wastes in Soil                                                                                      | in: J K Petros, Jr., W J Lacy, and R A Conway (Eds.), Hazardous and Industrial Solid Waste Testing, 4th Symposium, ASTM STP 886, Philadelphia, PA1980; 192-203 | 1986             | ORG/300-500 MG/ CHARNR, CAS# 7732185 - Water ALSO USED AS SOLVENT, CAS# 67641 - 2-Propanone ALSO USED AS SOLVENT//                                                                                                                                                                                                                                                                    |
| 332                     |                  |                             |                      |                       | ug/cm2               | >=4            | 332                     |    |          |               |                      |                     | NR                  | >=98     | Lab      | DA       | 5085    | 40578 | Neuhauser EF;Loehr RC;Marecki MR | Contact and Artificial Soil Tests Using Earthworms to Evaluate the Impact of Wastes in Soil                                                                                      | in: J K Petros, Jr., W J Lacy, and R A Conway (Eds.), Hazardous and Industrial Solid Waste Testing, 4th Symposium, ASTM STP 886, Philadelphia, PA1980; 192-203 | 1986             | ORG/300-500 MG/ CHARNR, CAS# 67663 Trichloroethylene ALSO USED AS SOLVENT, CAS# 7732185 - Water ALSO USED AS SOLVENT//                                                                                                                                                                                                                                                                |
| 333                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 333                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                                                                                       | EPA/OTS Doc #40-8967191; 149 p. NTIS/OTS 0527712.                                                                                                              | 1989             | ORG/Pregnant. Final BWII EXPDUR/Day 6 through day 9. Other durations reported.// EE/Body weights also reported.// EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15.// GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported.//               |
| 334                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 334                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                                                                                       | EPA/OTS Doc #40-8967191; 149 p. NTIS/OTS 0527712.                                                                                                              | 1989             | ORG/Pregnant. Final BWII EXPDUR/Day 6 through day 16. Other durations reported.// EE/Also reported, platelets and hemoglobin.// EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15.// GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported.// |
| 335                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 335                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                                                                                       | EPA/OTS Doc #40-8967191; 149 p. NTIS/OTS 0527712.                                                                                                              | 1989             | ORG/Pregnant. Final BWII EXPDUR/Day 6 through day 16. Other durations reported.// EE/Also reported, white blood cells.// EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15.// GENERAL/Individual test animal data also reported.//                                                                        |
| 336                     |                  |                             |                      |                       | mg/kg bwet           | 4              | 336                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                                                                                       | EPA/OTS Doc #40-8967191; 149 p. NTIS/OTS 0527712.                                                                                                              | 1989             | ORG/Pregnant. Final BWII EXPDUR/Day 6 through day 16. Other durations reported.// EE/Also reported, white blood cells.// EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15.// GENERAL/Individual test animal data also reported.//                                                                        |
| 337                     | 62.6             | 62.6                        |                      | 62600                 | mg/kg bwet           | 4              | 337                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                                                                                       | EPA/OTS Doc #40-8967191; 149 p. NTIS/OTS 0527712.                                                                                                              | 1989             | ORG/Nonpregnant. Intel BWII EDES/Nominal dosages also reported at 50,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15.// GENERAL/Observational battery of tests were made for signs of toxicity. Individual test animal data also reported.//                                                                                                     |
| 338                     | 125              | 124.875                     |                      | 124.875               | mg/kg bwet           | 3              | 338                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.                 | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter                                                                                     | EPA/OTS Doc #40-8967207; 226 p. NTIS/OTS 0527737.                                                                                                              | 1989             | ORG/Pregnant. Final BWII EXPDUR/Day 8 of gestation, other durations reported.// ED/Weight gain also reported.// EDES/maternal organisms dosed on days 6 through 15 of gestation.//                                                                                                                                                                                                    |
| 339                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 339                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 340                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 340                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 341                     | 300              | 299.7                       |                      | 299.7                 | mg/kg bwet           | 2              | 341                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 342                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 342                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ EE/Motor activity/ BCF = NR//                                                                                                                                                                                                                                                                                                                                        |
| 343                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 343                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 344                     | 300              | 299.7                       |                      | 299.7                 | mg/kg bwet           | 2              | 344                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 345                     | 300              | 299.7                       |                      | 299.7                 | mg/kg bwet           | 2              | 345                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |
| 346                     |                  |                             |                      |                       | mg/kg bwet           | 2              | 346                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94129 | Dow Chemical Co.                 | Initial Submission: Neurotoxicologic Examination of Fischer 344 Rats Exposed to 1,2-Dichloropropane (DCP) via Gavage for Two Weeks (Final Report) with Cover Letter Dated 080792 | EPA/OTS Doc #88-R20006313; 26 p. NTIS/OTS 0543568.                                                                                                             | 1993             | ORG/Fischer 344/ BCF = NR//                                                                                                                                                                                                                                                                                                                                                           |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name              | Species Number | Phylum   | Class    | Order      | Family    | Genus       | Species    | Common Name     | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |      |
|----------------------------|------------|----------------------------|----------------|----------|----------|------------|-----------|-------------|------------|-----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|------|
| 347                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 49.4            | mg/kg/d                        | 49.4                    |                          | 49.4 |
| 348                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | MPH    | POSC | NOAEL   | LOAEL  | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 30              | mg/kg bw/d                     | 29.97                   | 29.97                    |      |
| 349                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 125             | mg/kg bw/d                     | 124.875                 | 124.875                  |      |
| 350                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | REP          | REP    | NCLU | NOAEL   |        | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 125             | mg/kg bw/d                     | 124.875                 | 124.875                  |      |
| 351                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 10 d     |               | 10 d          |                    | A         |                     | 123             | mg/ml                          | 123                     | 123000                   |      |
| 352                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | POP          | POP    | SEXR | NOAEL   |        | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 125             | mg/kg bw/d                     | 124.875                 | 124.875                  |      |
| 353                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | CEL          | HIS    | MAPH | NOAEL   |        | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 125             | mg/kg bw/d                     | 124.875                 | 124.875                  |      |
| 354                        | 78875      | 1,2-dichloropropane        | 4510           | Chordata | Mammalia | Rodentia   | Muridae   | Rattus      | norvegicus | Norway rat      | GRO          | DVP    | DFRM | NOAEL   |        | terrestrial | Animal       | NR    | 16 d     |               | 16 d          |                    | F         |                     | 125             | mg/kg bw/d                     | 124.875                 | 124.875                  |      |
| 355                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | GRO          | GRO    | GAIN | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 356                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | GRO          | MPH    | SMIX | NOAEL   |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 357                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | BCM          | BCM    | HMCT | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 358                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | CEL          | CEL    | RETI | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 359                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | REP          | REP    | NCLU | NOAEL   |        | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 360                        | 78875      | 1,2-dichloropropane        | 4491           | Chordata | Mammalia | Lagomorpha | Leporidae | Oryctolagus | curniculus | European rabbit | GRO          | DVP    | NORM | LOAEL   | NOAEL  | terrestrial | Animal       | NONE  | 13 d     |               | 13 d          |                    | A         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |
| 361                        | 542756     | 1,3-dichloroprene (Telone) | 4913           | Chordata | Mammalia | Rodentia   | Muridae   | Mus         | musculus   | House mouse     | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Animal       | NONE  | 35 d     |               | 35 d          |                    | F         |                     | 150             | mg/kg/d                        | 150                     | 150                      |      |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref # | Author                              | Title                                                                                                      | Source                                                | Publication Year | Comments                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|----|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|-------|-------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 347                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 347                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 28 day/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                                                                                                                                            |
| 348                     | 125              | 124.875                     |                      | 124.875               | mg/kg bwkt           | 3              | 348                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/maternal liver, kidney and spleen weight and somatic index, additional fetal effects also reported/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                            |
| 349                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 349                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                                                                                                                                    |
| 350                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 350                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/maternal liver, kidney and spleen weight and somatic index, additional fetal effects also reported/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                            |
| 351                     |                  |                             |                      |                       | mg/kg bwkt           | 4              | 351                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94212 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Probe Study in Sprague-Dawley Rats with Cover Letter                 | EPA/OTS Doc #40-8967191; 149 p. NTS/OTS 0527712; 1989 | 1989             | ORG/Pregnant, Final BW/ EXPDUR/Day 6 through day 16. Other durations reported.// EDE/Nominal dosages also reported at 60,125,250 and 500 mg/kg/day. Treatment during gestation day 6 through gestation day 15./ GENERAL/Observational battery of tests were made for signs of toxicity. individual test animal data also reported./      |
| 352                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 352                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/male to female sex ratio of fetuses/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                                                                                           |
| 353                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 353                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                                                                                                                                    |
| 354                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 354                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94213 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in Sprague-Dawley Rats (Final) with Cover Letter               | EPA/OTS Doc #40-8967207; 226 p. NTS/OTS 0527737; 1989 | 1989             | ORG/Sprague dawley, virgin, 200-300 g initial BW/ EXPDUR/organisms sacrificed on day 21 of gestation/ EDE/hydroplastic tail and ectodactyls, additional fetal external and visceral malformations also reported/ EDE/maternal organisms dosed on days 6 through 15 of gestation/                                                         |
| 355                     | 49.4             | 49.4                        |                      | 49.4                  | mg/kg bwkt           | 3              | 355                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 20 day/ EE/weight gain of pregnant rabbits, also reported body weights and organ weights/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                                                          |
| 356                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 356                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 20 day/ EE/liver weight per 100 g rabbit, also reported kidney and spleen/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                                                                         |
| 357                     | 49.4             | 49.4                        |                      | 49.4                  | mg/kg bwkt           | 3              | 357                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 19 day gestation/ EE/Hematoct % dec, hemoglobin also reported/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                                                                                     |
| 358                     | 49.4             | 49.4                        |                      | 49.4                  | mg/kg bwkt           | 3              | 358                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 19 day gestation/ EE/reticulocytes % increased, also reported white blood cells, red blood cells, platelets, and indexes/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                          |
| 359                     |                  |                             |                      |                       | mg/kg bwkt           | 3              | 359                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 28 day gestation/ EE/number of corpora lutea per dam, also reported number of implantations per dam, number of fetuses, resorptions, delivered early, litter size/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/ |
| 360                     | 49.4             | 49.4                        |                      | 49.4                  | mg/kg bwkt           | 3              | 360                     |    |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94223 | Dow Chemical Co.,                   | Propylene Dichloride: Oral Teratology Study in New Zealand White Rabbits with Cover Letter                 | EPA/OTS Doc #40-8967189; 225 p. NTS/OTS 0527714; 1989 | 1989             | ORG/New Zealand White/ EXPDUR/gavage on day 7 through 19 gestation, measurement at 28 day gestation/ EE/Skull, is delayed ossification increased, also reported other skeletal and visceral observation/ EDE/Sartificially inseminated, after injections with human chorionic gonadotropin/                                              |
| 361                     |                  |                             |                      |                       | mg/kg/d              | 7              | 361                     |    |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 74325 | Osterloh J,Leitz G,Pond S,Becker C. | An Assessment of the Potential Testicular Toxicity of 10 Pesticides Using the Mouse-Sperm Morphology Assay | Mutat Res 116(3/4): 407-415 1983                      | 1983             | ORG/genotype C57BL/6 X C3H F1, 0.02695 kg default initial BW/ GENERAL/testicular weight, sperm counts and abnormal sperm measured but did not report statistics./ BCF - NW/                                                                                                                                                              |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                                      | Species Number | Phylum        | Class         | Order           | Family           | Genus        | Species       | Common Name           | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |    |
|----------------------------|------------|----------------------------------------------------|----------------|---------------|---------------|-----------------|------------------|--------------|---------------|-----------------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|----|
| 363                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 1358           | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Echinochloa  | crus-galli    | Barnyard grass        | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 6 ml/R3         |                                | 6                       |                          | 6  |
| 364                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4206           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Lotus        | corniculatus  | Birdfoot trefoil      | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 365                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17839          | Magnoliophyta | Liliopsida    | Liliales        | Iridaceae        | Sisyrinchium | angustifolium | Common Blue Eyedgrass | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 6 ml/R3         |                                | 6                       |                          | 6  |
| 366                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17842          | Magnoliophyta | Magnoliopsida | Scrophulariales | Orobanchaceae    | Orobanche    | minor         | Heliboot              | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 367                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 10381          | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Medicago     | polymorpha    | Burclover             | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 368                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17843          | Magnoliophyta | Magnoliopsida | Euphorbiales    | Euphorbiaceae    | Euphorbia    | lathyris      | Moleplant             | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 369                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3885           | Magnoliophyta | Magnoliopsida | Capparales      | Brassicaceae     | Sinapis      | arvensis      | California rape       | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 370                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4289           | Magnoliophyta | Magnoliopsida | Caryophyllales  | Caryophyllaceae  | Stellaria    | media         | Chickweed             | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 371                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4079           | Magnoliophyta | Magnoliopsida | Rubiales        | Rubiaceae        | Galium       | aparine       | Catchweed bedstraw    | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 372                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17837          | Magnoliophyta | Magnoliopsida | Polygonales     | Polygonaceae     | Rumex        | conglomeratus | Sharp Dock            | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 373                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3124           | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Agrostis     | stolonifera   | Creeping bentgrass    | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 374                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4028           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Cirsium      | arvense       | Canada thistle        | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 375                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4244           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Triticum     | sp.           | Clover                | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 376                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3307           | Magnoliophyta | Magnoliopsida | Caryophyllales  | Chenopodiaceae   | Chenopodium  | album         | Lamb's-quarters       | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 377                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4188           | Magnoliophyta | Magnoliopsida | Apiales         | Apiaceae         | Foeniculum   | vulgare       | Sweet fennel          | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 378                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4008           | Magnoliophyta | Magnoliopsida | Papaverales     | Fumariaceae      | Fumaria      | vallanti      | earthmoke             | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 379                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3752           | Magnoliophyta | Magnoliopsida | Plantaginales   | Plantaginaceae   | Plantago     | major         | Spilledseed plantain  | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 6 ml/R3         |                                | 6                       |                          | 6  |
| 380                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3872           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Senecio      | vulgaris      | Common groundsel      | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 381                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3887           | Magnoliophyta | Magnoliopsida | Capparales      | Brassicaceae     | Sisymbrium   | officinale    | Hedge mustard         | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 382                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 11226          | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Lolium       | perenne       | Italian ryegrass      | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 12 ml/R3        |                                | 12                      |                          | 12 |
| 383                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 11226          | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Lolium       | perenne       | Italian ryegrass      | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 6 ml/R3         |                                | 6                       |                          | 6  |
| 384                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17844          | Magnoliophyta | Magnoliopsida | Euphorbiales    | Euphorbiaceae    | Euphorbia    | sepius        | Petty Spurge          | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |
| 385                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17846          | Magnoliophyta | Magnoliopsida | Scrophulariales | Scrophulariaceae | Verbascum    | virgatum      | Wand Mullein          | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   | em       |               | NR            | em                 | F         |                     | 3 ml/R3         |                                | 3                       |                          | 3  |



| Appendix F<br>Study ID No. | CAS Number | Chemical Name                                      | Species Number | Phylum        | Class         | Order           | Family           | Genus        | Species      | Common Name                   | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig    | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |                    |      |
|----------------------------|------------|----------------------------------------------------|----------------|---------------|---------------|-----------------|------------------|--------------|--------------|-------------------------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|--------------------|--------------------------------|-------------------------|--------------------------|--------------------|------|
| 386                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4291           | Magnoliophyta | Magnoliopsida | Caryophyllales  | Chenopodiaceae   | Chenopodium  | murale       | Nettleleaf goosefoot          | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 387                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 5133           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Leucanthemum | vulgare      | Oxeye Daisy                   | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 388                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17845          | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Picris       | hieracioides | Hawkweed Oxtongue             | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 389                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17847          | Magnoliophyta | Magnoliopsida | Capparales      | Brassicaceae     | Lepidium     | campestre    | Cream Anther Field Pepperweed | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 390                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3756           | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Poa          | pratensis    | Kentucky bluegrass            | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 12 mi/R3           |                                | 12                      |                          | 12                 |      |
| 391                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4119           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Senecio      | jacobaea     | Tansy ragwort                 | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 392                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17838          | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Sporobolus   | capensis     | Rats Tail Dropseed            | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 393                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4293           | Magnoliophyta | Magnoliopsida | Caryophyllales  | Chenopodiaceae   | Chenopodium  | rubrum       | Red goosefoot                 | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 394                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 8614           | Magnoliophyta | Magnoliopsida | Primiales       | Primulaceae      | Anagallis    | arvensis     | Pimpernel                     | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 395                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17832          | Magnoliophyta | Magnoliopsida | Ranunculales    | Ranunculaceae    | Ranunculus   | parviflorus  | Smallflower Buttercup         | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 396                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4100           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Cirsium      | vulgare      | Bull thistle                  | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 397                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4092           | Magnoliophyta | Magnoliopsida | Asterales       | Asteraceae       | Anthemis     | cotula       | Dogfennel                     | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 398                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3434           | Magnoliophyta | Magnoliopsida | Geraniales      | Geraniaceae      | Erodium      | cicutarium   | redstem stork's bill          | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 399                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4245           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Trifolium    | subterraneum | Subterranean clover           | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 6 mi/R3            |                                | 6                       |                          | 6                  |      |
| 400                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4245           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Trifolium    | subterraneum | Subterranean clover           | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 401                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3925           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Trifolium    | dubium       | Small hop clover              | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 402                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3925           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Trifolium    | dubium       | Small hop clover              | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 12 mi/R3           |                                | 12                      |                          | 12                 |      |
| 403                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 17834          | Magnoliophyta | Magnoliopsida | Scrophulariales | Scrophulariaceae | Parentucella | viscosa      | Tanweed                       | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 12 mi/R3           |                                | 12                      |                          | 12                 |      |
| 404                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 4252           | Magnoliophyta | Magnoliopsida | Fabales         | Fabaceae         | Vicia        | sativa       | garden vetch                  | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 405                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 3496           | Magnoliophyta | Liliopsida    | Cyperales       | Poaceae          | Holcus       | lanatus      | Velvetgrass                   | MOR          | MOR    | MORT | NR-LETH |        | terrestrial | Plant        | NAT   |          | em            | NR            | em                 | F         |                     | 3 mi/R3            |                                | 3                       |                          | 3                  |      |
| 406                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda    | Branchiopoda  | Diplostroaca    | Daphniidae       | Daphnia      | magna        | Water flea                    | MOR          | MOR    | MORT | LC50    |        | aquatic     | Animal       | FW    | 48 h     |               | 21 d          |                    | A         |                     | 55.9(39.5 TO 72.9) | mg/L                           | 55.9(39.5 TO 72.9)      |                          | 55.9(39.5 TO 72.9) |      |
| 407                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda    | Branchiopoda  | Diplostroaca    | Daphniidae       | Daphnia      | magna        | Water flea                    | MOR          | MOR    | MORT | NOEL    | LOEL   | aquatic     | Animal       | FW    | 21 d     |               | 21 d          |                    | A         |                     | 15.8               | mg/L                           |                         | 15.8                     |                    | 15.8 |
| 408                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda    | Branchiopoda  | Diplostroaca    | Daphniidae       | Daphnia      | magna        | Water flea                    | REP          | REP    | PROG | NOEL    | LOEL   | aquatic     | Animal       | FW    | 21 d     |               | 21 d          |                    | A         |                     | 8.3                | mg/L                           |                         | 8.3                      |                    | 8.3  |
| 409                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda    | Branchiopoda  | Diplostroaca    | Daphniidae       | Daphnia      | magna        | Water flea                    | GRO          | GRO    | SIZE | MATC    |        | aquatic     | Animal       | FW    | 21 d     |               | 21 d          |                    | A         |                     | 18.4               | mg/L                           |                         | 18.4                     |                    | 18.4 |

[illegible]

| Appendix F<br>Study ID No. | CAS Number | Chemical Name                                      | Species Number | Phylum          | Class               | Order            | Family          | Genus               | Species     | Common Name    | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig   | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |
|----------------------------|------------|----------------------------------------------------|----------------|-----------------|---------------------|------------------|-----------------|---------------------|-------------|----------------|--------------|--------|------|---------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|-----------------------|-----------------|--------------------------------|-------------------------|--------------------------|
| 410                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda      | Branchiopoda        | Diplostroca      | Daphniidae      | Daphnia             | magna       | Water flea     | REP          | REP    | PROG | MATC    |        | aquatic     | Animal       | FW    | 21 d     |               | 21 d          |                    | A         | 11.4 mg/L             |                 | 11.4                           |                         | 11.4                     |
| 411                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda      | Branchiopoda        | Diplostroca      | Daphniidae      | Daphnia             | magna       | Water flea     | MOR          | MOR    | MORT | MATC    |        | aquatic     | Animal       | FW    | 21 d     |               | 21 d          |                    | A         | 18.4 mg/L             |                 | 18.4                           |                         | 18.4                     |
| 412                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda      | Branchiopoda        | Diplostroca      | Daphniidae      | Daphnia             | magna       | Water flea     | MOR          | MOR    | MORT | LC50    |        | aquatic     | Animal       | FW    | 48 h     |               | 2 d           |                    | F         | 64.1(45.0 TO 87.0)    | mg/L            | 64.036(44.95 TO 86.913)        |                         | 64.036(44.95 TO 86.913)  |
| 413                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda      | Branchiopoda        | Diplostroca      | Daphniidae      | Daphnia             | magna       | Water flea     | MOR          | MOR    | MORT | NR-LETH |        | aquatic     | Animal       | FW    | 24 h     |               | 1 d           |                    | F         | 86.3 mg/L             |                 | 86.2137                        |                         | 86.2137                  |
| 414                        | 78875      | 1,2-dichloropropane                                | 5              | Arthropoda      | Branchiopoda        | Diplostroca      | Daphniidae      | Daphnia             | magna       | Water flea     | MOR          | MOR    | MORT | NR-ZERO |        | aquatic     | Animal       | FW    | 48 h     |               | 2 d           |                    | F         | 45 mg/L               |                 | 44.955                         |                         | 44.955                   |
| 415                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | NR-LETH |        | aquatic     | Animal       | SW    | 72 h     |               | 3 d           |                    | A         | 100 µl mg/L           |                 | 100                            |                         | 100                      |
| 416                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | NR-ZERO |        | aquatic     | Animal       | SW    | 24 h     |               | 1 d           |                    | A         | 4.92 µl mg/L          |                 | 4.92                           |                         | 4.92                     |
| 417                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | LC50    |        | aquatic     | Animal       | SW    | 96 h     |               | 4 d           |                    | A         | 24.79(4.92 TO >26.62) | mg/L            | 24.79(4.92 TO >26.62)          |                         | 24.79(4.92 TO >26.62)    |
| 418                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | NOEL    |        | aquatic     | Animal       | SW    | 96 h     |               | 4 d           |                    | A         | 4.92 mg/L             |                 | 4.92                           |                         | 4.92                     |
| 419                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | NOEL    |        | aquatic     | Animal       | SW    | 96 h     |               | 4 d           |                    | A         | 4.92 mg/L             |                 | 4.92                           |                         | 4.92                     |
| 420                        | 78875      | 1,2-dichloropropane                                | 142            | Arthropoda      | Malacostraca        | Mysida           | Mysidae         | Americamysis        | bahia       | Opossum shrimp | MOR          | MOR    | MORT | LC50    |        | aquatic     | Animal       | SW    | 96 h     |               | 4 d           |                    | A         | 26.65 mg/L            |                 | 26.65                          | >                       | 26.65                    |
| 421                        | 542756     | 1,3-dichloropropene (Telone)                       | 4913           | Chordata        | Mammalia            | Rodentia         | Muridae         | Mus                 | musculus    | House mouse    | CEL          | GEN    | DNAC | LOAEL   |        | terrestrial | Animal       | NONE  | 3 h      |               | 0.125 d       |                    | F         | 150 mg/kg             |                 | 150                            |                         | 150                      |
| 422                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 423                        | 542756     | 1,3-dichloropropene (Telone)                       | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 424                        | 8069496    | Telone C 17                                        | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | LOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 5 µg/L                |                 | 4.7                            |                         | 4.7                      |
| 425                        | 542756     | 1,3-dichloropropene (Telone)                       | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 5 µg/L                |                 | 4.7                            |                         | 4.7                      |
| 426                        | 8003198    | 1,3-dichloropropene mixt. with 1,2-dichloropropane | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 427                        | 542756     | 1,3-dichloropropene (Telone)                       | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 428                        | 8069496    | Telone C 17                                        | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 429                        | 542756     | 1,3-dichloropropene (Telone)                       | 7679           | Fungi           | NR                  | NR               | NR              | NR                  | Fungi       | Fungi Kingdom  | POP          | POP    | ABND | NOAEL   |        | terrestrial | NR           | NAT   | 7 d      |               | 7 d           |                    | F         | 10 µg/L               |                 | 9.4                            |                         | 9.4                      |
| 430                        | 78875      | 1,2-dichloropropane                                | 309            | Bacillariophyta | Coscinodiscophyceae | Thalassiosirales | Skeletonemaceae | Skeletonema         | costatum    | Diatom         | POP          | POP    | BMAS | NOEC    | LOEC   | aquatic     | Plant        | SW    | 5 d      |               | 5 d           |                    | A         | 18 mg/L               |                 | 18                             |                         | 18                       |
| 431                        | 78875      | 1,2-dichloropropane                                | 486            | Chlorophyta     | Chlorophyceae       | Chlorococcales   | Scoenodesmaceae | Pseudokirchneriella | subcapitata | Green algae    | POP          | POP    | BMAS | NOEC    |        | aquatic     | Plant        | FW    | 2 d      |               | 2 d           |                    | A         | 1000 mg/L             |                 | 1000                           |                         | 1000                     |
| 432                        | 78875      | 1,2-dichloropropane                                | 4510           | Chordata        | Mammalia            | Rodentia         | Muridae         | Rattus              | norvegicus  | Norway rat     | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         | 200 mg/kg/d           |                 | 200                            |                         | 200                      |
| 433                        | 78875      | 1,2-dichloropropane                                | 4510           | Chordata        | Mammalia            | Rodentia         | Muridae         | Rattus              | norvegicus  | Norway rat     | MOR          | MOR    | MORT | NR-ZERO |        | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         | 200 mg/kg/d           |                 | 200                            |                         | 200                      |
| 434                        | 78875      | 1,2-dichloropropane                                | 4510           | Chordata        | Mammalia            | Rodentia         | Muridae         | Rattus              | norvegicus  | Norway rat     | GRO          | GRO    | WGHT | NOAEL   | LOAEL  | terrestrial | Animal       | NONE  | 1 wk     |               | 7 d           |                    | A         | 65 mg/kg/d            |                 | 65                             |                         | 65                       |
| 435                        | 78875      | 1,2-dichloropropane                                | 4510           | Chordata        | Mammalia            | Rodentia         | Muridae         | Rattus              | norvegicus  | Norway rat     | GRO          | GRO    | WGHT | NOAEL   |        | terrestrial | Animal       | NONE  | 13 wk    |               | 91 d          |                    | A         | 200 mg/kg/d           |                 | 200                            |                         | 200                      |

| Appendix F Study ID No. | Conc Value2 Orig | Conc Value2 Purity Adjusted | Conc Value2 Operator | Conc Value2 Preferred | Conc Units Preferred | Number of Conc | Appendix F Study ID No. | pH          | Hardness | Hardness Unit | Organic Matter Value | Organic Matter Unit | Organic Matter Type | % Purity | Test Loc | Exp Type | Test ID | Ref #  | Author                                                                                         | Title                                                                                                                                                                           | Source                                       | Publication Year                                                                                                                                                                                  | Comments                                                                                                                                                                                                        |
|-------------------------|------------------|-----------------------------|----------------------|-----------------------|----------------------|----------------|-------------------------|-------------|----------|---------------|----------------------|---------------------|---------------------|----------|----------|----------|---------|--------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 410                     |                  |                             |                      |                       | mg/L                 | 5              | 410                     | 8.1 to 8.2  | 158*     | mg/L CaCO3    | 0.6*                 | mg/L                | OC                  | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 411                     |                  |                             |                      |                       | mg/L                 | 5              | 411                     | 8.1 to 8.2  | 158*     | mg/L CaCO3    | 0.6*                 | mg/L                | OC                  | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 412                     |                  |                             |                      |                       | mg/L                 | 5              | 412                     | 8.0 to 8.3  | 158*     | mg/L CaCO3    | 0.6*                 | mg/L                | OC                  | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | EXP/OUR/24 hour also reported//                                                                                                                                                                                 |
| 413                     |                  |                             |                      |                       | mg/L                 | 5              | 413                     | 8.0 to 8.3  | 158*     | mg/L CaCO3    | 0.6*                 | mg/L                | OC                  | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 414                     |                  |                             |                      |                       | mg/L                 | 5              | 414                     | 8.0 to 8.3  | 158*     | mg/L CaCO3    | 0.6*                 | mg/L                | OC                  | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 415                     |                  |                             |                      |                       | Al mg/L              | 5              | 415                     | 8.10*       |          |               | 36.7                 | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | EDES/Strange finding test//                                                                                                                                                                                     |
| 416                     |                  |                             |                      |                       | Al mg/L              | 5              | 416                     | 7.6 to 7.7  |          |               | 36.7*                | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 417                     |                  |                             |                      |                       | mg/L                 | 5              | 417                     | 7.6 to 7.7  |          |               | 36.7*                | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | EXP/OUR/other durations also reported//                                                                                                                                                                         |
| 418                     |                  |                             |                      |                       | mg/L                 | 5              | 418                     | 7.6 to 7.7  |          |               | 36.7*                | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 419                     |                  |                             |                      |                       | mg/L                 | 5              | 419                     | 7.6 to 7.7  |          |               | 36.7*                | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 420                     |                  |                             |                      |                       | mg/L                 | 5              | 420                     | 7.6 to 7.7  |          |               | 36.7*                | mg/L                | TOC                 | 99.9     | Lab      | F        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              |                                                                                                                                                                                                                 |
| 421                     |                  |                             |                      |                       | mg/kg                | 1              | 421                     |             |          |               |                      |                     |                     | 100      | Lab      | IP       | NO      | 89044  | Sasaki YF; Saka A; Akasaka M; Ishibashi S; Yoshida K; Su YQ; Matsusaka N; Tsuda S.             | Detection of In Vivo Genotoxicity of Halobutanes and Halobutenes Carcinogenic to Rodents by the Alkaline Single Cell Gel Electrophoresis (Comet) Assay in Multiple Mouse Organs | Mutat Res 419(1-3): 13-30                    | 1998                                                                                                                                                                                              | ORG/CD-1/ EE/migration of nuclear DNA in stomach, liver, kidney, bladder, lung, brain and bone marrow also reported// CHAR/mixture of cis and trans// GENERAL/hexagones reported without statistical BCF = NR// |
| 422                     |                  |                             |                      |                       | ppm                  | 2              | 422                     | 7.6         |          |               | 29%                  | C                   | >=94                | Lab      | DA       | NO       | 93645   | Tu CM. | Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil | J Environ Sci Health Part B14(6): 617-624                                                                                                                                       | 1979                                         | CHAR/sand carrier// GENERAL/Also measured soil community population and ethylene production and bacterial counts.// BCF = NR//                                                                    |                                                                                                                                                                                                                 |
| 423                     |                  |                             |                      |                       | ppm                  | 2              | 423                     | 7.6         |          |               | 29%                  | C                   | >=94                | Lab      | DA       | NO       | 93645   | Tu CM. | Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil | J Environ Sci Health Part B14(6): 617-624                                                                                                                                       | 1979                                         | CHAR/sand carrier// GENERAL/Also measured soil community population and ethylene production and bacterial counts.// BCF = NR//                                                                    |                                                                                                                                                                                                                 |
| 424                     |                  |                             |                      |                       | ppm                  | 2              | 424                     | 7.6         |          |               | 29%                  | C                   | >=94                | Lab      | DA       | NO       | 93645   | Tu CM. | Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil | J Environ Sci Health Part B14(6): 617-624                                                                                                                                       | 1979                                         | CHAR/sand carrier// GENERAL/Also measured soil community population and ethylene production and bacterial counts.// BCF = NR//                                                                    |                                                                                                                                                                                                                 |
| 425                     |                  |                             |                      |                       | ppm                  | 2              | 425                     | 7.6         |          |               | 29%                  | C                   | >=94                | Lab      | DA       | NO       | 93645   | Tu CM. | Influence of Pesticides on Acetylene Reduction and Growth of Microorganisms in an Organic Soil | J Environ Sci Health Part B14(6): 617-624                                                                                                                                       | 1979                                         | CHAR/sand carrier// GENERAL/Also measured soil community population and ethylene production and bacterial counts.// BCF = NR//                                                                    |                                                                                                                                                                                                                 |
| 426                     |                  |                             |                      |                       | ppm                  | 2              | 426                     | 7.2         |          |               | 1.03%                | OC                  | >=94                | Lab      | DA       | NO       | 93646   | Tu CM. | Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil               | J Environ Sci Health Part B16(2): 179-191                                                                                                                                       | 1981                                         | CHAR/>=94% pure or Analytical grade, sand carrier// GENERAL/Also measured soil community population and urase, dehydrogenase and phosphatase activity ethylene production and bacterial counts.// |                                                                                                                                                                                                                 |
| 427                     |                  |                             |                      |                       | ppm                  | 2              | 427                     | 7.2         |          |               | 1.03%                | OC                  | >=94                | Lab      | DA       | NO       | 93646   | Tu CM. | Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil               | J Environ Sci Health Part B16(2): 179-191                                                                                                                                       | 1981                                         | CHAR/>=94% pure or Analytical grade, sand carrier// GENERAL/Also measured soil community population and urase, dehydrogenase and phosphatase activity ethylene production and bacterial counts.// |                                                                                                                                                                                                                 |
| 428                     |                  |                             |                      |                       | ppm                  | 2              | 428                     | 7.2         |          |               | 1.03%                | OC                  | >=94                | Lab      | DA       | NO       | 93646   | Tu CM. | Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil               | J Environ Sci Health Part B16(2): 179-191                                                                                                                                       | 1981                                         | CHAR/>=94% pure or Analytical grade, sand carrier// GENERAL/Also measured soil community population and urase, dehydrogenase and phosphatase activity ethylene production and bacterial counts.// |                                                                                                                                                                                                                 |
| 429                     |                  |                             |                      |                       | ppm                  | 2              | 429                     | 7.2         |          |               | 1.03%                | OC                  | >=94                | Lab      | DA       | NO       | 93646   | Tu CM. | Effects of Pesticides on Activities of Enzymes and Microorganisms in a Clay Soil               | J Environ Sci Health Part B16(2): 179-191                                                                                                                                       | 1981                                         | CHAR/>=94% pure or Analytical grade, sand carrier// GENERAL/Also measured soil community population and urase, dehydrogenase and phosphatase activity ethylene production and bacterial counts.// |                                                                                                                                                                                                                 |
| 430                     | 32               | 32                          |                      | 32                    | mg/L                 | 5              | 430                     | 7.5 to 7.6  |          |               |                      |                     |                     | 99.9     | Lab      | S        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | GENERAL/recovery also reported//                                                                                                                                                                                |
| 431                     |                  |                             |                      |                       | mg/L                 | 5              | 431                     | 7.1 to 7.35 |          |               |                      |                     |                     | 99.9     | Lab      | S        | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | EXP/OUR/other durations also reported//                                                                                                                                                                         |
| 432                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 432                     |             |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | ORG/Fischer 344/ EDES/13 week test period//                                                                                                                                                                     |
| 433                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 433                     |             |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | ORG/Fischer 344/ EDES/13 week test period//                                                                                                                                                                     |
| 434                     | 200              | 200                         |                      | 200                   | mg/kg bwfw           | 3              | 434                     |             |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | ORG/Fischer 344/ EXP/OUR/other durations also reported// EDES/13 week test period//                                                                                                                             |
| 435                     |                  |                             |                      |                       | mg/kg bwfw           | 3              | 435                     |             |          |               |                      |                     |                     | 99.9     | Lab      | GV       | NO      | 94170  | Dow Chemical Co.                                                                               | Letter from Dow Chem. Co. to U.S. EPA Regarding Submission of Final Study Reports for 1,2-Dichloropropane with Attachments                                                      | EPA/OTS Doc #40-8867156; NTIS/OT506277330(-) | 1988                                                                                                                                                                                              | ORG/Fischer 344/ EDES/13 week test period// GENERAL/recovery also reported//                                                                                                                                    |

| Appendix F<br>Study ID No. | CAS Number | Chemical Name       | Species Number | Phylum   | Class    | Order    | Family  | Genus  | Species    | Common Name | Effect Group | Effect | Meas | Endpt1 | Endpt2 | Habitat     | Plant/Animal | Media | Dur Orig | Dur Unit Orig | Dur Preferred | Dur Unit Preferred | Conc Type | Conc Value1<br>Orig | Conc Units Orig | Conc Value1<br>Purity Adjusted | Conc Value1<br>Operator | Conc Value1<br>Preferred |     |
|----------------------------|------------|---------------------|----------------|----------|----------|----------|---------|--------|------------|-------------|--------------|--------|------|--------|--------|-------------|--------------|-------|----------|---------------|---------------|--------------------|-----------|---------------------|-----------------|--------------------------------|-------------------------|--------------------------|-----|
| 436                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BEH          | BEH    | NMVM | NOAEL  |        | terrestrial | Animal       | NONE  | 13wk     |               | 91d           |                    | A         |                     | 200mg/kg/d      |                                | 200                     |                          | 200 |
| 437                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | BEH          | BEH    | NMVM | NOAEL  |        | terrestrial | Animal       | NONE  | 13wk     |               | 91d           |                    | A         |                     | 200mg/kg/d      |                                | 200                     |                          | 200 |
| 438                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | PHY          | PHY    | BTMP | NOAEL  | LOAEL  | terrestrial | Animal       | NONE  | 13wk     |               | 91d           |                    | A         |                     | 65mg/kg/d       |                                | 65                      |                          | 65  |
| 439                        | 78875      | 1,2-dichloropropane | 4510           | Chordata | Mammalia | Rodentia | Muridae | Rattus | norvegicus | Norway rat  | PHY          | PHY    | BTMP | NOAEL  | LOAEL  | terrestrial | Animal       | NONE  | 13wk     |               | 91d           |                    | A         |                     | 65mg/kg/d       |                                | 65                      |                          | 65  |

| Appendix F<br>Study ID No. | Conc Value2<br>Orig | Conc Value2<br>Purity Adjusted | Conc Value2<br>Operator | Conc Value2<br>Preferred | Conc Units<br>Preferred | Number of<br>Conc. | Appendix F<br>Study ID No. | pH | Hardness | Hardness<br>Unit | Organic<br>Matter<br>Value | Organic<br>Matter Unit | Organic<br>Matter Type | % Purity | Test Loc. | Exp Type | Test ID | Ref # | Author           | Title                                                                                                                               | Source                                             | Publication<br>Year | Comments                                                                                                                                                                                 |
|----------------------------|---------------------|--------------------------------|-------------------------|--------------------------|-------------------------|--------------------|----------------------------|----|----------|------------------|----------------------------|------------------------|------------------------|----------|-----------|----------|---------|-------|------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 436                        |                     |                                |                         |                          | mg/kg bdwt              | 3                  | 436                        |    |          |                  |                            |                        |                        | 99.9     | Lab       | GV       | NO      | 94170 | Dow Chemical Co. | Letter from Dow Chem. Co. to U.S. EPA<br>Regarding Submission of Final Study<br>Reports for 1,2-Dichloropropane with<br>Attachments | EPA/OTS Doc #40-8867156:<br>NTIS/OTS056277330(-) - | 1988                | ORG/Fischer 344/ EE/locomotor activity,<br>salivation, lacrimation, movements, hind limb<br>grip strength also reported/ EDES/13 week<br>test period/ GENERAL/recovery also<br>reported/ |
| 437                        |                     |                                |                         |                          | mg/kg bdwt              | 3                  | 437                        |    |          |                  |                            |                        |                        | 99.9     | Lab       | GV       | NO      | 94170 | Dow Chemical Co. | Letter from Dow Chem. Co. to U.S. EPA<br>Regarding Submission of Final Study<br>Reports for 1,2-Dichloropropane with<br>Attachments | EPA/OTS Doc #40-8867156:<br>NTIS/OTS056277330(-) - | 1988                | ORG/Fischer 344/ EE/locomotor activity,<br>salivation, lacrimation, movements, hind limb<br>grip strength also reported/ EDES/13 week<br>test period/ GENERAL/recovery also<br>reported/ |
| 438                        | 200                 | 200                            |                         |                          | 200 mg/kg bdwt          | 3                  | 438                        |    |          |                  |                            |                        |                        | 99.9     | Lab       | GV       | NO      | 94170 | Dow Chemical Co. | Letter from Dow Chem. Co. to U.S. EPA<br>Regarding Submission of Final Study<br>Reports for 1,2-Dichloropropane with<br>Attachments | EPA/OTS Doc #40-8867156:<br>NTIS/OTS056277330(-) - | 1988                | ORG/Fischer 344/ EE/respiration, muscle<br>tone also reported/ EDES/13 week test<br>period/ GENERAL/recovery also reported/                                                              |
| 439                        | 200                 | 200                            |                         |                          | 200 mg/kg bdwt          | 3                  | 439                        |    |          |                  |                            |                        |                        | 99.9     | Lab       | GV       | NO      | 94170 | Dow Chemical Co. | Letter from Dow Chem. Co. to U.S. EPA<br>Regarding Submission of Final Study<br>Reports for 1,2-Dichloropropane with<br>Attachments | EPA/OTS Doc #40-8867156:<br>NTIS/OTS056277330(-) - | 1988                | ORG/Fischer 344/ EE/respiration, muscle<br>tone also reported/ EDES/13 week test<br>period/ GENERAL/recovery also reported/                                                              |