



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|---|--|--|
| 1. Company/Product Number 19713-217 | 2. EPA Product Manager Marilyn Mautz | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) DREXEL MALATHION 5EC | PM# Insecticide-Rodenticide Branch | |
| 5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company, P.O. Box 13327 MEMPHIS, TN 38113-0327 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|---|
| <input type="checkbox"/> Amendment - Explain below. | <input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

NOTIFICATION

MAY 25 2004

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

One (1) copy of the label (217SP-0504++) revised per PR Notice 95-1. A copy of the required certification statement is also submitted. Thank you.

Section - III

| | | | | | |
|---|---|--|---|---|----------------------------------|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Metal | <input type="checkbox"/> Plastic |
| | | | | <input type="checkbox"/> Glass | <input type="checkbox"/> Paper |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt. No. per container | Other (Specify) _____ | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of Label Directions <input type="checkbox"/> | |
| 6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | | <input type="checkbox"/> Other _____ | | |

Section - IV

| | | |
|---|----------------------------------|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name LUZ G CHAN | Title REGISTRATION MANAGER | Telephone No. (Include Area Code) (901) 774-4370 |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | 6. Date Application Received (Stamped) |
| 2. Signature | 3. Title REGISTRATION MANAGER | |
| 4. Typed Name LUZ G CHAN | 5. Date May 17, 2004 | |

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NOTIFICATION

MAY 25 2004

Drexel

Malathion 5EC

Insecticide / Miticide

ACTIVE INGREDIENT:

| | |
|--------------------------|---------------|
| Malathion. | 57.0% |
| OTHER INGREDIENTS: | 43.0% |
| TOTAL: | 100.0% |

This product contains 5 pounds of Malathion per gallon at 68°F.

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See **FIRST AID** Below

SHAKE WELL BEFORE USING

EPA Reg. No. 19713-217

EPA Est. No. 19713-GA-1

Net Contents: _____

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. Malathion is an organophosphate insecticide/miticide.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Causes eye irritation. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart.

(Continued)

PRECAUTIONARY STATEMENTS (Cont.)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton and shoes plus socks. When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Manufactured By:

Drexel Chemical Company

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI of 12 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber or Viton and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not allow contact with treated surface until sprays have dried.

PHI = Pre-Harvest Interval

VEGETABLES

Apply this product in a minimum of 30 gallons of water by ground equipment or 5 gallons of water by air equipment unless otherwise specified. Best results are obtained with uniform coverage.

| Vegetable Crops | Pests Controlled | Rate per Acre | PHI (Days) |
|--|---|---|------------|
| Anise, Celery | Aphids, Spider mites | 1½ pts. | 7 |
| | SPECIFIC DIRECTIONS: To be applied to fresh leaves and stalks only. Do not use on crops grown for seed and oil. | | |
| Asparagus | Asparagus aphids, Asparagus beetles | 2 pts. | 1 |
| | Thrips | 1½ to 2 pts. | |
| Beans (Blackeyed peas, Cowpeas, Green beans, Lima beans, Navy beans, Red kidney beans, Snap beans, Wax beans) | Aphids, Bean leaf beetles, Blister beetles, Cucumber beetles, Potato leafhoppers, Lygus bugs | 2 pts. | 1 |
| | Japanese beetles, Mexican bean beetles | 1½ to 2 pts. | |
| | Red spider mites | 1½ pts. | |
| SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock. | | | |
| Dry beans (CA and Northwest Only) | Lygus bugs | Ground: 1½ to 2 pts. Air: 1½ pts. in 10 gals. of water | 1 |
| | SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock. | | |
| Beets (Garden, Table) | Aphids | 1½ to 2 pts. | 7 |
| | SPECIFIC DIRECTIONS: Do not apply within 7 days of harvest if tops are to be used as food or feed. | | |
| Broccoli | Aphids, Cabbage loopers, Imported cabbageworms | 1 to 2 pts. | 3 |
| Brussels sprouts | Aphids | 1 to 2 pts. | 7 |
| Cabbage | Aphids, Cabbage loopers, Imported cabbageworms | 1 to 2 pts. | 7 |
| | Diamondback moths, Webworms | 2 pts. | |
| SPECIFIC DIRECTIONS: For control of Caterpillars on Summer and Fall plantings in the South, begin when true leaves appear. On other plantings and for control of other insects, begin when insects appear. | | | |
| Carrots | Aphids | 1½ to 2 pts. | 7 |
| | Leafhoppers | 2½ pts. | |

| Vegetable Crops | Pests Controlled | Rate per Acre | PHI (Days) |
|--|--|---|---------------------------|
| Cauliflower | Diamondback moths | 2 to 4 pts. | 7 |
| | Aphids | 1 to 2 pts. | |
| Collards | Aphids | 1½ to 2 pts. | 7 |
| | Harlequin cabbage bugs | 1 pt. | |
| SPECIFIC DIRECTIONS: For control of Caterpillars on Summer and Fall plantings in the South, begin when true leaves appear. On other plantings and for control of other insects, begin when insects appear. | | | |
| Cucumbers | Aphids, Pickleworms, Spider mites | 1½ to 2 pts. | 1 |
| | Cucumber beetles, Squash vine borers | 3 pts. | |
| | Leafminers | 2 pts. | |
| SPECIFIC DIRECTIONS: Do not apply to Cucumbers unless plants are dry. | | | |
| Dandelions, Parsley, Parsnips, Swiss chard, Watercress | Aphids | 1½ to 2 pts. | See "SPECIFIC DIRECTIONS" |
| | SPECIFIC DIRECTIONS: Do not apply within 21 days of harvesting Parsley or within 7 days of harvesting Dandelions, Parsnips, Swiss chard or Watercress. | | |
| Eggplants | Aphids, Spider mites | 1 pt. | 3 |
| | Lace bugs | 3 pts. | |
| Endive | Aphids, Spider mites | 1½ to 2 pts. | 7 |
| Garlic, Shallots | Aphids, Thrips | 1½ to 2 pts. | 3 |
| Hops | Aphids, Spider mites | 1 pt. | 10 |
| Kale | Aphids, Cabbage loopers, Imported cabbageworms | 1 to 2 pts. | 7 |
| | Webworms, Diamondback moths | 2 pts. | |
| SPECIFIC DIRECTIONS: For control of Caterpillars on Summer and Fall plantings in the South, begin when true leaves appear. On other plantings and for control of other insects, begin when insects appear. | | | |
| Kohlrabi | Aphids | 1 to 2 pts. | 7 |
| | Cabbage loopers, Diamondback moths, Imported cabbageworms, Webworms | 2 pts. | |
| Leeks | Aphids | 1½ to 2 pts. | 3 |
| | Onion maggots | 2½ pts. | |
| | Thrips | 3 pts. | |
| Lentils | Cowpea aphids, Pea aphids | 1½ pts. | 3 |
| SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock. | | | |
| Lettuce | Aphids, Leafhoppers, Spider mites | 2 pts. | 7 (Head lettuce) |
| | Cabbage loopers | 3 pts. | 14 (Leaf lettuce) |
| Mushrooms | Mites, Phorid flies, Sclerid flies | 2½ pts. in 130 gals. of water; or 2 tbsps. in 3 gals. of water per 1,000 sq. ft. of bed | 1 |
| | SPECIFIC DIRECTIONS: Make thorough applications as soon after picking as possible. Repeat applications, as necessary, usually twice a week. | | |
| Mustard greens | Aphids, Cabbage loopers, Imported cabbageworms | 2 pts. | 7 |
| | Flea beetles | 1½ to 2 pts. | |
| SPECIFIC DIRECTIONS: For control of Caterpillars on Summer and Fall plantings in the South, begin when true leaves appear. On other plantings and for control of other insects, begin when insects appear. | | | |

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| Vegetable Crops (Cont.) | Pests Controlled | Rate per Acre | PHI (Days) |
|--|---|---------------|------------|
| Okra | Aphids | 1½ pts. | 1 |
| | Japanese beetles | 2 pts. | |
| SPECIFIC DIRECTIONS: Make no application after pods start to form. | | | |
| Onions | Onion maggots | 1½ to 2½ pts. | 3 |
| | Onion thrips | 1½ to 2 pts. | |
| Peas | Aphids | 1½ to 2 pts. | 3 |
| | Grasshoppers | 2 pts. | |
| | Leafhoppers | 1¼ to 4 pts. | |
| | SPECIFIC DIRECTIONS: Do not graze or feed treated crop foliage to livestock. | | |
| Peppermint, Spearmint | Aphids, Flea beetles, Leafhoppers, Spider mites | 1½ pts. | 7 |
| Peppers | Aphids | 1 to 2½ pts. | 3 |
| | Pepper maggots | 2½ pts. | |
| Potatoes | Aphids, Grasshoppers, Leafhoppers | 2 pts. | 0 |
| | False chinch bugs | 1½ pts. | |
| | Mealybugs | 2 to 2½ pts. | |
| | SPECIFIC DIRECTIONS: Do not apply to Pumpkins unless plants are dry. | | |
| Pumpkins | Aphids, Pickleworms, Spider mites | 2 pts. | 3 |
| | Leafhoppers | 1½ to 2 pts. | |
| | Cucumber beetles, Squash vine borers | 3 pts. | |
| | SPECIFIC DIRECTIONS: Do not apply to Pumpkins unless plants are dry. | | |
| Radishes, Horseradish | Aphids | 1½ to 2 pts. | 7 |
| Rutabagas | Aphids | 1½ pts. | 3 |
| Spinach | Aphids | 2 pts. | 7 |
| Squash | Aphids, Leafminers, Spider mites, Pickleworms | 2 pts. | 1 |
| | Cucumber beetles, Squash vine borers | 3 pts. | |
| | SPECIFIC DIRECTIONS: Do not apply to Squash unless plants are dry. | | |
| Sweet corn | Japanese beetles | 2 pts. | 5 |
| | SPECIFIC DIRECTIONS: Injury may occur in the whorl or to the silks. | | |
| Sweet potatoes | Leafhoppers | 1½ to 2 pts. | 3 |
| | Morningglory leafminers | 2½ to 3 pts. | |
| Tomatoes | Aphids | 1½ pts. | 1 |
| | Drosophila | 2½ pts. | |
| | Spider mites | 1½ pts. | |
| | Amyworms, Fruitworms (CA only) | 2¾ qts. | |
| Turnips | Aphids, Cabbage loopers, Imported cabbageworms | 1 to 2 pts. | 7 |
| | SPECIFIC DIRECTIONS: For control of Caterpillars on Summer and Fall plantings in the South, begin when true leaves appear. On other plantings and for control of other insects, begin when insects appear. Do not apply within 7 days of harvest if tops are to be used for food or feed. | | |

FRUIT AND NUT CROPS

| Fruit and Nut Crops | Pests Controlled | Rate per 100 Gals. | Rate per Acre | PHI (Days) | |
|---|--|---|---|------------|---|
| Apricots | Aphids, Codling moths, European fruit lecaniums, Orange tortrix, Soft brown scales, Terrapin scales | 1½ to 2 pts. | 4½ to 6 pts. | 7 | |
| | SPECIFIC DIRECTIONS: The rate for use on Apricots is based on a standard of 300 gals. per acre of dilute spray for mature trees. | | | | |
| Avocados | Greenhouse thrips, Latania scales, Omnivorous loopers, Orange tortrix, Soft brown scales | 1½ pts. | 7½ pts. | 7 | |
| | SPECIFIC DIRECTIONS: The rate for use on Avocados is based on a standard of 500 gals. per acre of dilute spray for mature trees. | | | | |
| Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries | Aphids, Rose scale chafers, Japanese beetles, Leafhoppers, Mites, Thrips | 1½ pts. | 3 pts. | 1 | |
| | SPECIFIC DIRECTIONS: The rates for use on brambles are based on a standard of 200 gals. per acre of dilute spray. | | | | |
| Blueberries | Blueberry maggots | 1 pt. + 1½ qts. Staley's Sauce Base No. 7 | - | 8 Hours | |
| | SPECIFIC DIRECTIONS: For use in the Northeast only. Apply in 100 gals. of water per acre. | | | | |
| | Cherry fruitworms | 1 pt. | 2 pts. | 1 | |
| | Cranberry fruitworms | 1 pt. | 2 pts. | 1 | |
| | SPECIFIC DIRECTIONS: Make first application at egg hatch and repeat applications every 4 or 5 days until a total of 4 applications have been made. | | | | |
| | Japanese beetles | ¾ pt. | 1½ pts. | 1 | |
| SPECIFIC DIRECTIONS: Make application when first berries turn blue and at 10-day intervals as long as infestation persists. | | | | | |
| Note: The rates for use on Blueberries are based on a standard of 200 gals. per acre of dilute spray. | | | | | |
| Cherries | Black cherry aphids, Fruitree leafrollers | 1½ pts. | 6 pts. | 3 | |
| | Cherry fruit flies, Japanese beetles | 1 pt. | 4 pts. | | |
| | SPECIFIC DIRECTIONS: The rates for use on Cherries are based on a standard of 400 gals. per acre of dilute spray for mature trees. Do not apply more than 8 lbs. of this product per acre to Cherry trees. Injury may occur on certain varieties of Sweet cherries, particularly in the Northwest. | | | | |
| Citrus (Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos) | Black scales (single and off-brooded), California red scales, Citricola scales, Purple scales, Soft brown scales, Yellow scales | 1 to 1½ pts. | - | 7 | |
| | Florida purple scales, Florida red scales | 2 pts. | - | | |
| | SPECIFIC DIRECTIONS: Do not apply when trees are in bloom. | | | | |
| | Citrus red mites, Thrips | - | 2½ pts. | | 7 |
| SPECIFIC DIRECTIONS: Apply in 200 gals. of water per acre. Do not apply when trees are in bloom. | | | | | |
| Note: The rates for use on Citrus are based on a standard 500 gals. per acre of dilute spray for mature trees. | | | | | |
| Currants, Gooseberries | Japanese beetles | 1½ pts. | 3 pts. | 3 | |
| | Rose chafers, Mites | 1 pt. | 2 pts. | | |
| SPECIFIC DIRECTIONS: The rates for use on Currants and Gooseberries are based on a standard 200 gals. per acre of dilute spray. | | | | | |
| Figs | Dried fruit beetles, Vinegar flies | - | 2 qts. + 1 to 2 gals. unsulfured molasses | 3 | |

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| Fruit and Nut Crops | Pests Controlled | Rate per 100 Gals. | Rate per Acre | PHI (Days) |
|---|---|--------------------|---------------|------------|
| Grapes | Leafhoppers, Spider mites | 1½ pts. | 3 pts. | 3 |
| | European fruit lecaniums | - | - | |
| | Mealybugs | - | 1½ pts. | 3 |
| SPECIFIC DIRECTIONS: For European fruit lecaniums - Make full coverage applications when newly hatched nymphs are migrating over vines, usually shortly after bloom. For Mealybugs - Apply in 50 to 100 gals. of water per acre. The rates for use on Grapes are based on a standard of 200 gals. per acre of dilute spray. Injury may occur on Grapes of Almeria, Cardinal, Italia and Ribier varieties when sprays containing this product are applied after clusters appear. | | | | |
| Grapevines (over-Wintering on nursery stock only) | Grape phylloxera | 3 pts. | - | - |
| | SPECIFIC DIRECTIONS: Remove excess soil from the roots and dip in solution of this product. Submerge the entire root system for 5 minutes. Keep the solution agitated at all times. | | | |
| Macadamia nuts | Green stink bugs | 1½ pts. | - | 0 |
| | SPECIFIC DIRECTIONS: Apply when insects start to feed on the Nuts and repeat as necessary. May be applied during harvest. No more than 15 lbs. of this product per acre should be applied to Macadamia nut trees. | | | |
| Nectarines | Spider mites | 1 to 2 pts. | 3 to 6 pts. | 7 |
| | Plum curculios | 2 pts. | 6 pts. | |
| | SPECIFIC DIRECTIONS: The rates for use on Nectarines are based on a standard of 300 gals. per acre of dilute spray for mature trees. This product may cause fruit spotting on Nectarines. | | | |
| Papayas | Aphids, Mealybugs | 1½ to 2 pts. | - | 0 |
| Peaches | Black cherry aphids, Black peach aphids, European red mites, Green peach aphids, Rusty plum aphids, Japanese beetles, Spider mites | 1 pt. | 3 pts. | 7 |
| | Oriental fruit moths, Plum curculios | 2 pts. | - | |
| | Cottony peach scales, European fruit lecaniums, Terrapin scales | 2 pts. | - | 7 |
| | SPECIFIC DIRECTIONS: Make full coverage applications at completion of hatching, about the last of June. | | | |
| | Note: The rates for use on Peaches are based on a standard of 300 gals. per acre of dilute spray for mature trees. Do not apply more than 9 lbs. of this product per acre to Peach trees. | | | |
| Pecans | Aphids, Spider mites, Walnut aphids | 1½ to 2 pts. | 7½ to 10 pts. | 0 |
| | European red mites | 1¼ pts. | 6¼ pts. | |
| | Pecan leaf phylloxera | 1¼ pts. | 6¼ pts. | 0 |
| | SPECIFIC DIRECTIONS: Apply when buds begin to develop and repeat as necessary. | | | |
| | Pecan nut casebearers, Walnut huskflies | 1¼ pts. | 6¼ pts. | 0 |
| SPECIFIC DIRECTIONS: Apply after first generation eggs begin to hatch. | | | | |
| Note: The rates for use on Pecans are based on a standard of 500 gals. per acre of dilute spray for mature trees 25 to 35 ft. high. | | | | |
| Pineapples | Mealybugs | 1 pt. | 8 pts. | 7 |
| Strawberries | Aphids, Spider mites | - | 1½ pts. | 3 |
| | Field crickets, Lygus bugs, Spittlebugs, Thrips | - | 1½ to 3 pts. | |
| | Potato leafhoppers, Strawberry leafrollers, Strawberry root weevils, Whiteflies | - | 1½ to 2½ pts. | 0 |
| | Aphids, European red mites, Walnut aphids | ½ pt. | 1½ to 3 pts. | |
| Walnut huskflies | ½ pt. | 1½ to 3 pts. | 0 | |
| SPECIFIC DIRECTIONS: Apply with conventional sprayer. For bait sprays, combine Staley's Sauce Base No. 2 or No. 7 at the rate of 2 qts. per acre with this product. | | | | |
| Walnut huskflies | - | 3 to 4 pts. | 0 | |
| SPECIFIC DIRECTIONS: Apply in 500 gals. of water per acre with air-carrier type sprayer. For bait sprays, combine Staley's Sauce Base No. 2 or No. 7 at the rate of 2 qts. per acre with this product. | | | | |

FIELD CROPS, PASTURE AND RANGE GRASSES

| Field Crops | Pests Controlled | Rate per Acre | PHI (Days) |
|---|--|---|------------|
| Alfalfa | Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs, Stinkbugs | 1½ to 2 pts. | 0 |
| | Armyworms | 2 pts. | |
| | Clover leaf weevils | 1½ pts. | |
| | Vetch bruchids | 2 to 2½ pts. | |
| | SPECIFIC DIRECTIONS: Apply to Alfalfa in bloom only in the evening or early morning when bees are not working in the field or are not hanging on outside of hives. | | |
| Clovers | Alfalfa weevil larvae, Aphids, Grasshoppers, Lygus bugs, Potato leafhoppers, Spider mites, Spittlebugs | 1½ to 2 pts. | 0 |
| | Armyworms | 2 pts. | |
| | Clover leaf weevils | 1½ pts. | |
| | SPECIFIC DIRECTIONS: Do not apply to Clover in bloom. | | |
| Corn (Grain or Forage) | Aphids, Corn earworms, Corn rootworms (adults), Grasshoppers, Sap beetles, Thrips | 1½ pts. | 5 |
| | Armyworms | 1½ to 2 pts. | |
| | SPECIFIC DIRECTIONS: For control of Corn earworms and Sap beetles, begin treatments when 10% of the ears show silk. Repeat applications at 3- to 5-day intervals until 4 to 5 applications have been made. Do not apply within 5 days of harvest or forage use. Injury may occur in the whorl and silk stages with this product. | | |
| Cotton | Brown cotton leafworms, Cotton aphids, Cotton leafworms, Cotton leafperforators, Desert spider mites, Leafhoppers, Lygus bugs, Thrips, Whiteflies | ½ to 2 pts. | 0 |
| | Boil weevils | 2 to 4 pts. | |
| | Cotton fleahoppers | 1 to 1½ pts. | |
| | Fall armyworms, Garden webworms, Grasshoppers | 1½ to 3 pts. | |
| | Lygus bugs, Thrips | 1 to 4 pts. | |
| | SPECIFIC DIRECTIONS: Consult local agricultural authorities for exact time of application. | | |
| Grasses (Barnyardgrass, Canarygrass, Fescue or Orchardgrass, Redtop, Timothy, Yellow foxtail) | Cereal leaf beetles | 1 to 1½ pts. | 0 |
| Pastures, Range grasses, Grasses, Grass hay | Aphids, Grasshoppers, Leafhoppers | 1½ to 2 pts. OR 1½ pts. in 1 gal. of diesel fuel oil per acre | 0 |
| | Armyworms | 2 pts. OR 1 pt. in 1 gal. of diesel fuel oil per acre | |
| Rice, Wild rice | Rice leafminers | 2½ pts. | 7 |
| SPECIFIC DIRECTIONS: Make the first application shortly after the first Rice blades appear on the surface of the water and repeat, if necessary. Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially. | | | |
| | Rice stink bugs | 1 to 1½ pts. | 7 |
| SPECIFIC DIRECTIONS: Apply by air in 2 gals. of water per acre during the early milk and dough stage of growing Rice. Repeat applications as necessary. Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially. | | | |
| Small grains (Barley, Oats, Rye, Wheat) | Cereal leaf beetles | 1 to 1½ pts. | - |
| | English grain aphids, Grasshoppers, Greenbugs | 1½ pts. | |
| | Winter grain mites | 2 pts. | |
| | SPECIFIC DIRECTIONS: Do not apply within 7 days of forage use. | | |
| Vetch | Omnivorous leafhoppers, Pea aphids, Vetch bruchids | 1½ to 2 pts. | 0 |
| SPECIFIC DIRECTIONS: May be applied on the day of harvest or grazing. | | | |

OUTDOOR ORNAMENTALS

FLOWERS, SHADE TREES AND SHRUBS: Injury may occur on Canareti juniper, Crassula, Ferns, Hickory, Lantana and Viburnum following the use of this product. Slight injury has also been reported on Boston and Maidenhair ferns, Maples, Petunias, Pteris, Small leaf spireas and White pines. Under extreme heat, drought and disease conditions, this product may cause slight damage to Elms.

| Pests | Rate per | | |
|--|-----------|----|---------|
| | 100 Gals. | OR | Gal. |
| Aphids, Spider mites | 1½ pts. | OR | 2 tsps. |
| Azalea scales, Magnolia scales, Pine leaf scales | 2 pts. | OR | 2 tsps. |
| Bagworms, Birch leafminers, Boxwood leafminers | 2 pts. | OR | 2 tsps. |
| Black scales (crawlers), Soft brown scales | 2¼ pts. | OR | 2 tsps. |
| Euonymous scales, Scurfy scales | 1½ pts. | OR | 2 tsps. |
| European pine shoot moths, Fourlined leaf bugs, Japanese beetles (adult), Potato leafhoppers, Rose leafhoppers, Tarnished plant bugs, Thrips | 1½ pts. | OR | 2 tsps. |
| Fletcher scales ¹ | 2 pts. | OR | 2 tsps. |
| Florida red scales, Juniper scales ¹ | 2 pts. | OR | 2 tsps. |
| Lace bugs | 1 pt. | OR | 2 tsps. |
| Mealybugs, Whiteflies | 1½ pts. | OR | 2 tsps. |
| Monterey pine scales | 2½ pts. | OR | 2 tsps. |
| Oak kermes ¹ | 2 pts. | OR | 2 tsps. |
| Oystershell scales ¹ | 1 pt. | OR | 2 tsps. |
| Pine needle scales | 4 pts. | OR | 4 tsps. |
| Tent caterpillars | 2 pts. | OR | 2 tsps. |
| Wax scales ² | 4 pts. | OR | 4 tsps. |

¹Apply when Scale crawlers have settled on foliage.
²Apply in Spring when crawlers are active. Repeat 1 or 2 full coverage applications at 10-day intervals.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Storage should be under lock and key in a ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill. Absorb with a material such as sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place leaking container in a plastic tub and transfer contents, as soon as possible, to an empty, original container.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

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Drexel Chemical Company

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NOTIFICATION

MAY 25 2004

May 17, 2004

Submission of Revised Label per PR Notice 95-1 and Others
DREXEL MALATHION 5EC (EPA Reg. No. 19713-217)

This notification is consistent with the Provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

FOR DREXEL CHEMICAL COMPANY

LUZ G CHAN

Registration Manager



Drexel Chemical Company

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May 17, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Rm 266A, Crystal Mall 2
1921 Jefferson Davis Hwy.
Arlington, VA 22202

**Re: Submission of Revised Label by Notification per PR Notice 95-1 and Others
DREXEL MALATHION 5EC (EPA Reg. No. 19713-217)**

Herewith:

1. Completed EPA Form 8570-1.
2. One (1) copy of the revised label (217SP-0504++). The following changes were made on the label:
 - i) The chemical name was deleted in the ingredient statement.
 - ii) In the Environmental Hazards section, the paragraph, "Note: Add this statement to all container sizes.....Office of the EPA." was deleted. Per PR Notice 95-1, this only applies to end-use products registered for industrial preservative, water treatment, other industrial processing uses and commercial and institutional uses.
3. Certification Statement

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370. My e-mail address is Lchan@drexchem.com.

Thank you.

Respectfully yours,
FOR DREXEL CHEMICAL COMPANY


Luz Chan
Registration Manager

