



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 14 1994

Theresa Kamicker
CIBA-GEIGY CORP.
P.O. BOX 18300
GREENSBORO, NC 27419

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/13/93 in Response to PR Notice 93-7
EPA Reg. No. 100-501
SUPRACIDE 2E INSECTICIDE-MITICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.

BEST AVAILABLE COPY



Recycled/Recyclable
Printed with SoyCanola Ink on paper that
contains at least 50% recycled fiber

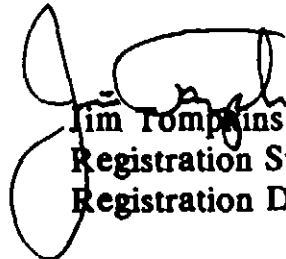
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

3 7 24

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Theresa Kamicker
CIBA-GEIGY CORP.
P.O. BOX 18300
GREENSBORO NC 27419

Subject: Label Amendment Submission of 09/13/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 100-501
SUPRACIDE 2E INSECTICIDE-MITICIDE

The following specific comments pertain to your
WPS labeling submission concerning the product
cited above:

Correct the typographical errors circled on your proposed
label.

WPS

MASTER BOOKLET - 2 1/2 GALLON AND BULK

(BOOKLET FRONT COVER FOR 2 1/2 GAL.)

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY BY
CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT
SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE
CERTIFIED APPLICATOR'S CERTIFICATION

Supracide® 2E
Insecticide-Miticide

For control of certain insects of
artichokes; certain citrus, fruits and nuts;
cotton; nursery stock; olives; safflowers;
sunflowers; sorghum; and tobacco

Active Ingredient:

Methidathion: O,O-dimethyl phosphorodithioate,
S-ester with 4-(mercaptomethyl)-2-methoxy-
 Δ^2 -1,3,4-thiadiazolin-5-one 24.4%
Inert Ingredients*: 75.6%
Total: 100.0%

Supracide 2E contains 2 lbs.
active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

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 additional precautionary statements
at end of label booklet.

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 14 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

100-501

EPA Reg. No. 100-501
EPA Est. 100-AL-1

See directions for use inside booklet.

Ciba-Geigy

Supracide® trademark of Ciba-Geigy

©1993 Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 30L23K (WPS)	2 1/2 Gallons (Booklet) U.S. Standard Measure
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CGA 30L25G (WPS)	(Bulk Booklet)
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Reference CGA Numbers for Pressure Sensitive Labels

30L26E Farm Pak PSL
30L24G Bulk PSL

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other expressed or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours when Supracide 2E is applied at rates \leq 2 lb. a.i./A or 14 days when Supracide 2E is applied at rates $>$ 2 lb. a.i./A and up to the maximum label rate of 10 lbs. a.i./A.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard 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 or viton
- Shoes plus socks
- Protective eyewear

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT AND MITE CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

General Information

Supracide® 2E is an emulsifiable concentrate which when applied according to the Directions for Use will control certain insect pests and mites on agricultural crops. Do not apply Supracide 2E at a rate exceeding 10 lbs. ai/A.

Mixing Procedures

(1) Be sure sprayer is clean; if it is contaminated with any material, crop injury or sprayer clogging may result. (2) Fill tank 1/4-1/2 full with clean water, and start agitation. (3) Be certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface. (4) Add Supracide 2E to the tank. Then add tank mix ingredients. (5) Complete filling tank, maintaining sufficient agitation at all times to ensure surface action. This applies to both spray and nurse tanks. (6) Do not leave tank mixtures in the tank without adequate agitation. Always maintain agitation to avoid separation and buildup of residues. If a residue starts to build up in tank, drain and clean with strong detergent and ammonia solution and rinse thoroughly with clean water. (7) Immediately after use, clean sprayer thoroughly by flushing system with water containing a detergent and rinse with clean water.

Chemigation: Do not apply this product through any type of irrigation system.

Almonds

Dilute and Concentrate Sprays

Peach twig borer, San Jose scale, brown almond mite: Apply during the dormant or delayed dormant period, or as a cover spray. Mix a dilute spray at the rate of 1-2 pts. per 100 gals. of water and apply 300-600 gals. per acre. If applying as a concentrate spray*, apply 3-12 pts. per acre in a minimum of 50 gals. of water per acre. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with EPA-registered oil.

When concentrate applications are made, proper equipment must be used to obtain uniform coverage.

Aerial Sprays

Peach twig borer, San Jose scale: Apply during the dormant or delayed dormant period and use 6-12 pts. per acre as an aerial spray* in a minimum of 20 gals. of spray per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1.5 gals. of oil per 100 gals. spray as a dilute spray or 6 gals. of oil per acre as a concentrate spray or 5 gals. of oil per acre as an aerial spray.

*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 300-600 gals. per acre. This amounts to a minimum of 6 pts. and a maximum of 12 pts. of Supracide per acre.

Notes: To avoid illegal residues, 1) Do not make more than one application during the dormant or delayed dormant period nor more than one cover spray each season. 2) Do not apply within 80 days of harvest. 3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Apply the dormant/delayed dormant application before any blossoms open, or injury may occur. Do not combine with oils in the cover spray, or injury or excessive residues may occur. The cover spray of Supracide 2E may be slightly phytotoxic on some almond varieties.

Artichokes

Apply in a minimum of 50 gals. of water with ground equipment or a minimum of 10 gals. of water by air. Begin applications when insects appear in newly planted fields or when shoots emerge following complete cutback of the plants. Continue applications

at 14 day intervals until buds begin to appear. Do not plant crops except those listed on this label within one year after last application.

Artichoke plume moth, chrysanthemum leafminer: Apply 4 pts. per acre.

Notes: To avoid illegal residues, 1) Do not apply after buds begin to form. 2) Avoid application under conditions which favor drift to adjacent artichoke fields where buds are present. 3) Do not exceed a total of 8 applications per crop cycle.

Cotton

Apply in a minimum of 10 gals. of water with ground equipment or in a minimum of 3 gals. of water by air unless otherwise specified.

Spider mites, boll weevil, bollworm: Apply 4 pts. per acre. Repeat applications at 5-7 day intervals if necessary.

Lygus bug: (AZ, CA only) Apply 2-4 pts. per acre. Use the low rate for light to moderate infestations and the high rate for moderate to heavy infestations. Repeat applications if necessary.

Pink bollworm: (AZ, CA only) Apply 2 pts. per acre. Repeat applications at 5-7 day intervals if necessary.

Bandedwing whitefly: (mid-South and southeast United States only) Apply 1-2 pts. per acre. Use the low rate for light to moderate infestations and the high rate for moderate to heavy infestations. Repeat applications if necessary.

Notes: To avoid illegal residues, 1) Do not apply more than 16 pts. per acre during any one growing season. 2) Do not apply within 14 days of harvest. 3) Do not apply more than the 2 pt. per acre rate to open bolls. 4) Do not graze treated cotton plants or feed gin trash to livestock.

Deciduous Fruit

Dilute and Concentrate Sprays

See Table 1 for specific crops and insects. Apply during the dormant or delayed dormant period. Use a rate of 1-2 pts. per 100 gals. of water as a dilute spray (300-600 gals. per acre) or a rate of 3-12 pts. per acre as a concentrate spray* (a minimum of 50 gals. of water per acre). The lower rates may be used for light infestations and the higher rates for moderate to heavy infestations. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with an EPA-registered oil.

When concentrate applications are made, proper equipment must be used to obtain uniform coverage.

Table 1: Deciduous Fruits

Crop	Insects
Apples	San Jose scale, rosy apple aphid
Cherries, pears	San Jose scale
Nectarines, peaches, plums, prunes	Peach twig borer, San Jose scale, Green peach aphid ¹
Apricots	Peach twig borer
Pears ²	Pear psylla ³

¹For green peach aphid, use 8 pts. Supracide 2E + 4 gals. oil per acre or 12 pts. Supracide 2E per acre alone.

²CA only.

³For pear psylla, use 8-12 pts. Supracide 2E + 4-6 gals. oil in a minimum of 100 gals. total spray per acre.

Aerial Sprays

See Table 2 for specific crops and insects. Apply during the dormant or delayed dormant period and use 3-12 pts. per acre as an aerial spray* in a minimum of 20 gals. total spray per acre. Spray swath should be no wider than the distance between the tree rows or length of the spray boom. The lower rates may be used for light infestations and the higher rates for moderate to heavy infestations. For rates less than 2 pts. of Supracide 2E per 100 gals., tank mix with an EPA-registered oil.

Table 2: Deciduous Fruits

Crop	Insects
Apples	San Jose scale, rosy apple aphid
Peaches, plums, prunes nectarines, apricots	Peach twig borer, San Jose scale
Cherries, pears	San Jose scale

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1.5 gals. of oil per 100 gals. spray as a dilute spray or 6 gals. of oil per acre as a concentrate spray or 5 gals. of oil per acre as an aerial spray.

*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 300-600 gals. per acre. This amounts to a minimum of 3 pts. and a maximum of 12 pts. of Supracide 2E per acre.

Notes: To avoid illegal residues, 1) Apply before any blossoms open or injury may occur. 2) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Do not use Supracide 2E on Red Beaut plums.

Grapefruits, Lemons, Oranges and Other Citrus Fruits

Supracide 2E Alone

Apply the recommended rates any time except during the bloom period or within 14 days of harvest. Preferred timing is during the immediate post bloom period, before fruit becomes infested. Use the low rate for light infestations and the high rate for moderate to heavy infestations. Thorough coverage is essential for good control.

Make no more than 2 application per growing season and allow at least 45 days between applications. Severe infestations may require 2 treatments.

California red scale: (AZ and CA only) Apply 1-2 pts. per 100 gals. of water.

Black scale: (CA only) Apply 1-2 pts. per 100 gals. of water.

Chaff, Glovers, purple, snow, yellow scale, and mealybug: (FL only) Apply 1/2-2 pts. per 100 gals. of water.

Black scale, whiteflies, and citrus blackfly: (FL only) Apply 1-2 pts. per 100 gals. of water.

Brown soft, California red, chaff scale, and mealybug: (TX only) Apply 1/2-2 pts. per 100 gals. of water.

The minimum amount of Supracide 2E applied per acre is dependent upon the number of trees per acre and upon tree height. See example below.

Example: Mature trees of normal foliage require a minimum of 5 gals. of spray plus one additional gallon for each foot of tree height for adequate coverage. Eighty trees per acre 20 feet tall require $80 \times 25 = 2,000$ gals. of dilute spray per acre.

Notes: To avoid illegal residues, 1) Do not apply more than 40 pts. per acre. 2) Do not graze treated areas. 3) Make no more than 2 applications per growing season nor apply within 14 days of harvest.

Supracide 2E + Oil

In FL and TX, EPA-registered citrus spray oils at rates of 2-4 qts. per 100 gals. of water may be tank mixed with Supracide 2E following the rates and timing listed above for Supracide 2E alone.

In CA, EPA-registered citrus spray oils at rates listed below may be tank mixed with Supracide 2E. See the above directions for rates and timing. A rate of 1/2 pt. of Supracide 2E per 100 gals. of water may be used if tank mixed with oil.

<u>Type of oil</u>	<u>Amount per 100 gals. of water</u>
Light - medium grade	1.6 - 1.8 gals.
Medium grade	1.6 - 1.8 gals.
Narrow - range 415 grade	1.2 - 1.4 gals.

For further details, consult the current University of California Citrus Treatment Guide.

Notes: To avoid illegal residues, 1) Do not apply more than 40 pts. of Supracide 2E per acre in any one season. 2) Do not graze treated areas. 3) Make no more than 2 applications with oil per growing season nor apply within 60 days of harvest. 4) Lemons only, do not exceed 10 pts. per acre or apply more than once per season when tank mixed with oil.

Mangoes

Apply during the postharvest to bloom stage with ground equipment in 100 gals. of spray mixture per acre. Spray foliage to thoroughly wet upper and lower leaf surface. Repeat as needed at 3 week intervals.

False oleander scale, Pseudaulacaspis cockerelli (cooley):
Apply 1/2-1 pt. and 0.5% oil per acre.

Notes: To avoid illegal residues, 1) Do not exceed 5 applications per season. 2) Do not graze or feed cover crops from treated groves.

Nursery Stock (woody ornamental or herbaceous plants commercially grown for transplanting)

Apply at the rate listed below in a thorough cover spray to runoff. Thorough coverage and timing of application are essential for effective control.

To control scale insects on nursery stock, including both potted and field grown plants, apply two pints per 100 gals. of water once per season after scale crawlers have hatched. Monitor populations closely to determine when crawlers are present.

Because of changing cultivars in the nursery industry, test each new cultivar for phytotoxicity by treating one plant with the recommended rate at least 2 days prior to treatment of the remaining plants.

Olives

Apply once during the postharvest or prebloom season at the rate listed below as a full cover spray in a minimum of 400 gals. of water per acre. Supreme or superior type oil may be added to the spray mixture at the rate of 1-1.5 gals. per 100 gals. of water.

Black scale: Apply 2 pts./100 gals.

Notes: To avoid illegal residues, 1) Do not apply more than 12 pts. per acre per year. 2) Do not apply after buds break. 3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Pecans (Southeastern U.S. Only)

Apply the appropriate rate listed below as a foliar or full cover spray in sufficient water for thorough coverage.

Yellow pecan aphid: Apply 2 pts. per 100 gals. and repeat as necessary at 14-21 day intervals.

Hickory shuckworm and pecan serpentine leafminer: Apply 2-4 pts. per 100 gals. when insects first appear or leafminer damage first appears and repeat as necessary at 14-21 day intervals. Use the 4 pt. per 100 gals. rate when infestations are heavy.

Precaution: Do not tank mix Supracide 2E with Cyprex® as phytotoxicity may result.

Notes: To avoid illegal residues, 1) Do not apply within 60 days of harvest. 2) Do not graze treated areas.

Safflowers

Apply in a minimum of 20 gals. of water by ground equipment or in a minimum of 5 gals. of water by air.

Lygus bugs and thrips: Apply 2 pts. per acre. Begin applications either at bud stage, 12-14 days before onset of bloom, or as infestations develop. Additional applications can be made on a 7-14 day schedule or as further infestations develop.

Notes: To avoid illegal residues, 1) Do not apply within 28 days of harvest. 2) Do not make more than three applications per year. 3) Do not graze treated areas.

Sunflowers

Apply 2 pts. per acre. Make ground application in a minimum of 10 gals. of water per acre; aerial application in a minimum of 5 gals. of water per acre. Thorough coverage of the heads is necessary. One to three applications may be made on a 7-day schedule. The number of applications will be determined by the severity of the infestations.

Stem weevil*: Begin applications in early season at vegetative stage 2.3 (third alternate leaf developed) to vegetative stage 3.1 (inflorescence head visible but tightly surrounded by young leaves).

Sunflower moth, seed weevil**, banded sunflower moth, and sunflower maggot complex: Begin applications at the onset of bloom as the infestations develop.

Sunflower seed midge: Begin applications during early bud development.

*Cylindrocopturus adspersus and Apion occidentalis.

**Smicronyx fulvus and Smicronyx sordidus.

Notes: To avoid illegal residues, 1) Do not apply within 50 days of harvest. 2) Do not graze treated areas or feed treated forage to livestock.

Grain Sorghum Grown for Forage and Grain (Colorado, Kansas, Oklahoma, and Texas Only)

Apply in a minimum of 10 gals. of water per acre with ground equipment or 2 gals. of water per acre by air. Up to three applications may be made on a 10-14 day schedule. The number of applications will be determined by the severity of the infestation.

Banks grass mite, sorghum greenbug: Apply 2 pts. per acre.

Precaution: Application may result in phytotoxicity to certain sorghum varieties. This phytotoxicity is a temporary spotting, reddening, or chlorosis of the leaves.

Note: To avoid illegal residues, do not apply within 30 days of harvesting or feeding to livestock.

Tobacco

Apply at the rates listed below in a minimum of 25 gals. of water per acre when insects appear. Apply 1-3 repeat applications on a 7-14 day interval as needed.

Flea beetles, hornworms: Apply 2-3 pts. per acre.

Budworms: Apply 4 pts. per acre.

Precaution: When applying Supracide 2E with hand sprayers, avoid concentrating the spray in the bud area since phytotoxicity may occur. Do not apply Supracide 2E to tobacco plants which are under stress as injury may occur.

Note: Do not apply in mixture with other pesticides or within 3 days of tobacco harvest.

Walnuts

Dilute and Concentrate Sprays

Walnut scale, frosted scale, Italian pear scale: Apply during the dormant or delayed dormant period or as a cover spray when crawlers appear.

Codling moth, walnut aphid: Apply as a cover spray according to moth activity or when aphids appear.

Use a rate of 2 pts. per 100 gals. of water as a dilute spray (400 gals. per acre), or a rate of 8 pts. per acre as a concentrate spray* (a minimum of 100 gals. of water per acre).

When concentrate applications are made, proper equipment must be used to obtain uniform coverage. If scale infestations are severe, dilute applications should be used.

Aerial Sprays

Walnut scale, frosted scale: Apply during the dormant or delayed dormant period and use 8 pts. per acre as an aerial spray* in a minimum of 20 gals. of spray per acre. Spray swath should be no wider than the distance between the tree rows or the length of the spray boom.

EPA-registered oils may be added to the Supracide 2E spray mixture in the dormant/delayed dormant period. Do not use more than 1 gal. of oil per acre in concentrate and aerial sprays or 4 gals. of oil per acre in dilute sprays.

*The rate of Supracide 2E for concentrate and aerial sprays is based on a dilute spray with conventional ground equipment. A dilute spray is considered to be 400 gals. per acre. This amounts to 8 pts. of Supracide 2E per acre.

Notes: To avoid illegal residues, 1) Make no more than one application during the dormant or delayed dormant period nor more than two cover sprays each season. 2) Do not apply within 7 days of harvest. 3) Do not graze treated areas or feed cover crops grown in treated areas to livestock.

Precaution: Do not add oil to Supracide 2E sprays to walnuts in southern or central CA or to trees that may be subject to stress due to drought, drying winds, disease, or severe insect infestations.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

(For all except bulk):

Storage: Store at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, place the prod-

uct in a warm room (68°F or above) and roll or shake the container at frequent intervals until all crystals are dissolved.

(For bulk):

Storage: Store at temperatures above 40°F. Crystals may form at lower storage temperatures. If this occurs, crystals will dissolve if product is placed in a warm environment (68°F or above) and recirculated.

(For all):

Pouring the product through a 50-mesh or finer screen will indicate adequacy of or need to repeat above procedure. Do not store near food, feed, or fertilizer. Do not use or store in or around the home.

Pesticide and Container Disposal: Pesticide wastes are acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

(For 2 1/2 gal.):

Triple rinse container (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. Stay out of smoke from burning containers.

(For Farm-Pak & Bulk)

Refer to the product container label for specific container disposal directions.

(For all):

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER/PELIGRO

Corrosive. Causes irreversible eye damage. May cause skin irritation. Do not get in eyes, on skin, or on clothing. May be harmful or fatal if swallowed or absorbed through skin. Do not breathe vapor or spray mist. Prolonged or repeated inhalation may be harmful. Keep out of reach of children and domestic animals.

Statement of Practical Treatment

This product is an organophosphate.

If in eyes: Flush with plenty of water. Get medical attention.

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.

Note to Physician: Lavage stomach with care to prevent aspiration into lungs. After lavage, instill and leave 30 gm. activated charcoal in 3-4 oz. of water. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

Personal Protective Equipment:

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton
- Shoes plus socks
- Protective eyewear
- For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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.

Engineering Control Statements:

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.

User Safety Recommendations:

Users should:

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

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes and pot-holes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated crop. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical and Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

Supracide® trademark of Ciba-Geigy Corporation

Cyprex® trademark of American Cyanamid

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Ciba Plant Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 30L23K (2 1/2 gal.)
CGA 30L25G (bulk)

(BOOKLET BACK COVER FOR 2 1/2 GAL.)

RESTRICTED USE PESTICIDE

FOR RETAIL SALE TO AND USE ONLY BY
CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT
SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE
CERTIFIED APPLICATOR'S CERTIFICATION

Supracide® 2E
Insecticide-Miticide

For control of certain insects of
artichokes; certain citrus, fruits and nuts;
cotton; nursery stock; olives; safflowers;
sunflowers; sorghum; and tobacco

2 1/2 Gallons
U.S. Standard Measure

Active Ingredient:

Methidathion: O,O-dimethyl phosphorodithioate, S-ester with 4-(mercaptomethyl)-2-methoxy- Δ ² -1,3,4-thiadiazolin-5-one	24.4%
<u>Inert Ingredients*:</u>	75.6%
Total:	100.0%

Supracide 2E contains 2 lbs.
active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

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.)

Precautionary Statements

Corrosive. Causes irreversible eye damage. May cause skin
irritation. Do not get in eyes, on skin, or on clothing.

May be harmful or fatal if swallowed or absorbed through skin.
Do not breathe vapor or spray mist. Prolonged or repeated inha-
lation may be harmful. Keep out of reach of children and domes-
tic animals.

Statement of Practical Treatment

This product is an organophosphate.

- If in eyes: Flush with plenty of water. Get medical attention immediately.
- If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING UNLESS NO OTHER TREATMENT IS AVAILABLE. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, do so under medical supervision. Give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- If on skin: Remove contaminated clothing and wash skin with plenty of soap and water. Get medical attention.
- If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth unless exposure was due to swallowing; then use cardiopulmonary resuscitation (CPR). Get medical attention.
- Note to Physician: Lavage stomach with care to prevent aspiration into lungs. After lavage, instill and leave 30 gm. activated charcoal in 3-4 oz. of water. Atropine sulfate and 2-PAM are specific antidotes. Morphine, theophylline, aminophylline, and large amounts of intravenous fluids are contraindicated.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands (swamps, bogs, marshes and pot-holes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated crop. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Chemigation

Do not apply this product through any type of irrigation system.

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EPA Reg. No. 100-501

EPA Est. 100-AL-1

See directions for use in attached booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

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Ciba-Geigy Corporation
Greensboro, North Carolina 27419

Ciba-Geigy

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CGA 30L23K (WPS)

[GANNONC.LABELS] SUP2MBWP - 9/7/93