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Code 2857

Thiodan[®] Miscible with Pyrenone[®]

Insecticide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-2700 EPA Est., 279-

Active Ingredients:	By Wt.
*Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide)	24.00%
**Technical Piperonyl Butoxide	1.80%
Pyrethrins	0.18%
Xylene Range Aromatic Solvent	69.02%
Inert Ingredients:	5.00%
	100.00%

*Thiodan is a registered trademark of Hoechst AG.
**Consists of 1.44% (butylcarbityl) (6-propylpiperonyl) ether and 0.36% of related compounds.

This product contains 2 pounds Thiodan per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING

Note to Physician: Active ingredient is a central nervous system stimulant and may cause convulsions. There is no specific antidote. Barbituric acid derivatives may be used in treatment

For Emergency Assistance Call 716-735-3765.

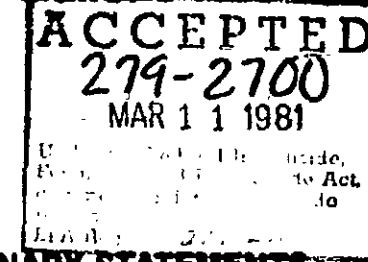
See Other Panels for Additional Precautionary Information.

FMC

FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PA 11/80

Gallons Net Contents



PRECAUTIONARY STATEMENTS Hazards to Humans (& Domestic Animals)

Warning

Hazardous if swallowed, inhaled, or absorbed through skin! Do not breathe spray mist. Do not get in eyes, on skin or on clothing. In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water; for eyes, get medical attention. Wash thoroughly with soap and water after handling and before eating or smoking; wear clean clothing. During commercial or prolonged exposure in spray-mixing and loading operations, wear clean synthetic rubber gloves and a mask or respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11 for Endosulfan protection. Do not allow to drift to areas occupied by unprotected humans or beneficial animals.

Warning: Workers entering treated areas within 24 hours of application should wear protective clothing.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Birds feeding on treated areas may be killed. Keep out of lakes, ponds and streams. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

Do not allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur

Physical or Chemical Hazards

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

Storage and Disposal

Do not store below 20° F. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. To dispose of container, triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill, or bury in a safe place. Do not cut or weld this container. Consult Federal, State or local disposal authorities for approved alternative procedures.

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Do not use in undiluted form.

Not for use or storage in or around the home.

Apply the listed amount per acre when insects first appear and repeat as required to maintain effective control. Use in sufficient water for thorough coverage, unless otherwise noted, for listed crops. Coverage of upper and lower leaf surfaces is essential for good control. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides. Observe days interval between last application and harvest indicated by number in () following the crop.

Artichokes (7): Artichoke Aphid, Green Peach Aphid—Use 1½ to 2 quarts per acre. Artichoke Plume Moth—Use 2 quarts per acre.

Beans, succulent and dry, except Lima Beans (3): Black Bean Aphid, Bean Leaf-skeletonizer, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle—Use 1 to 2 quarts. Do not exceed 3 applications per season. Do not feed threshings or allow livestock to graze in treated fields.

Blueberries: Blueberry Bud Mite—Use 3 quarts per acre in 300 gallons of water. Apply immediately after harvest and repeat 6 to 8 weeks later. Do not apply after buds are well formed.

Broccoli (7), Brussels Sprouts (14), Cabbage (7), Cauliflower (14): Cabbage Aphid, Cabbage Looper, Cross-striped Cabbageworm, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bug—Use 1½ to 2 quarts. Armyworms, Cutworms—Use 2 quarts per acre.

Carrots (7): Green Peach Aphid—Use 1 to 2 qts. Do not exceed 2 applications. Do not use tops for food or feed.

Celery (7): Green Peach Aphid—Use 1 quart—or—**Celery (4):** Green Peach Aphid, Cabbage Looper—Use 1 to 2 quarts. Do not exceed 3 applications.

Citrus—Nonbearing trees and Nursery Stock: Citrus Aphid—Use 1 pint per 100 gallons or 5 quarts per acre. Do not apply to bearing trees or trees that will bear fruit within 12 months.

Collards (21): Cabbage Looper, Diamondback Moth Larvae, Harlequin Bug, Imported Cabbageworm—Use 1½ quarts per acre. Do not exceed one application.

Cotton: Boll Weevil—Use 1 to 3 quarts per acre. Bollworm, Cabbage Looper, Lygus Bugs, Stink Bugs, Cotton Leafperforator—Use 2 to 3 quarts per acre. Thrips—Use 3 quarts per acre. Do not apply after bolls open. Do not graze meat or dairy animals in treated fields.

Cucumbers (0), Melon (0), Summer & Winter Squash (0): Aphids, Cucumber Beetles, Melonworm, Pickleworm, Rindworm (on Watermelons), Squash Beetle, Squash Bug, Squash Vine Borer, Striped Cabbage Flea Beetle—Use 1 to 2 quarts. For Vine Borer control, apply weekly to flowerbuds, stems and vines beginning when moths first appear. Cabbage Looper, Omnivorous Leafroller on Melons—Use 2 quarts.

Eggplants (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Green Stink Bug, Whitefly—Use 1 quart.

Flea Beetle (21): Flea Beetle, Harlequin Bug, Imported Cabbageworm—Use 1½ quarts per acre. Do not exceed one application.

Lettuce (14): Cabbage Looper, Diamondback Moth Larvae, Green Peach Aphid, Imported Cabbageworm—Use 1½ to 2 quarts. On Head Lettuce, do not exceed 3 applications after thinning. Remove outside leaves at harvest. Do not feed crop waste to livestock. On Leaf Lettuce, do not exceed 2 applications per season.

Mustard Greens (21), Turnip Greens (21): Aphids, Cabbage Looper, Imported Cabbageworm—Use 1½ quarts per acre. Do not exceed one application per season.

Peas, Southern Field (Succulent type, including Black-eyed Peas, Crowder Peas and Southern Peas) (3): Cowpea Curculio—Use 1 to 2 quarts per acre. Make 3 applications at 5 day intervals starting when pods are ½ inch long. Do not feed treated threshings to livestock or allow to graze in treated fields.

Peppers (4): Flea Beetles, Green Peach Aphid, Hornworms, Pepper Maggot—Use 1 to 2 quarts. *1 day if maximum of 1 quart per acre is applied.

Potatoes (0): Aphids, Colorado Potato Beetle, Plant Bugs (including Shield Shaped Bugs), Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, Southern Armyworm, Whitefly—Use 1 to 2 quarts. European Corn Borer, Potato Psyllid—Use 1½ to 2 quarts. False Chinch

Bug—Use 2 quarts. Threelined Potato Beetle—Use 1 quart.
Pumpkins (0): Aphids, Cucumber Beetle, Striped Flea Beetle, Squash Vine Borer—Use 1 to 2 quarts per acre. For Squash Vine Borer, apply weekly to flower buds, stems and vines beginning when moths first appear.

Spinach (21): Crown Mite, Green Peach Aphid—Use 1½ quarts. Do not exceed one application.

Strawberries (4): Cyclamen Mite—Use 1 quart per 100 gallons of water. Apply 800 gallons per acre on the West Coast; 400 gallons per acre in other areas. Do not apply at intervals of less than 35 days when fruit is present. Meadow Spittlebug, Strawberry Aphid, Tarnished Plant Bug—Use 2 quarts per acre in 200 gallons of water. Do not apply at intervals of less than 15 days nor more than twice during any 35 day period when fruit is present. **Northwest only:** aids in reducing Garden Symphylan damage—Use 2 quarts per 100 gallons plant dip. Mix thoroughly. Dip entire plant. When emerging bundles of plants, make certain any trapped air is forced out to assure thorough wetting of the entire plant. Drain and allow plants to dry before setting them out in the field. Wear rubber gloves during dipping operation.
Sugar Beets (30): Green Peach Aphid—Use 1 to 2 quarts. Meadow Spittlebug—Use 1 quart. Sugar Beet Webworm—Use 1½ to 2 quarts. Do not feed treated tops to livestock.

Sweet Corn, fresh vegetable use only (0): Corn Leaf Aphid—Use 2 quarts. Corn Earworm—Use 3 quarts. Apply at 2 to 3 day intervals beginning when silks first appear and continuing until they begin to dry. Do not exceed 5 applications. Do not apply to Sweet Corn to be processed. Do not feed treated forage or ensilage to livestock or allow to graze in treated fields.

Sweet Potatoes: Sweet Potato Flea Beetle—Use 1 quart per acre. Apply shortly after transplanting or as soon as Flea Beetles appear. If necessary, make a second application 7 to 10 days later.

Tobacco (5): Flea Beetle, Hornworm, Budworm, Green Peach Aphid, Cabbage Looper—FIELD: Use 1 to 2 quarts. SEED BED: Use 1 quart per 100 gallons of water and apply 6 gallons spray per 100 sq. yds. Green June Bug Larvae—Use ½ quart per 100 gallons of water and drench plant bed with 1 gallon spray per sq. yd. Stink Bug—Use field application of 2 to 3 quarts per 100 gallons.

Tomatoes (Field & Greenhouse) (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid—Use 1 quart. Hornworms—Use 1 to 2 quarts. Tomato Russet Mite, Tomato Fruitworm, Yellow-striped Armyworm—Use 2 quarts. Stink Bugs—Use 1½ to 2 quarts. Cabbage Looper—Use 1½ quarts. Whitefly—Use 1 quart per 100 gallons in 100 to 200 gallons water.

Root Crops: Do not plant root crops other than carrots, potatoes, sugar beets and sweet potatoes as follow-up crops.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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ACCEPTED

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