

Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.



INSECTICIDE, LIQUID, N.O.S. - FLAMMABLE LIQUID

THIODAN 3 E

INSECTICIDE

ACTIVE INGREDIENT	By Wt.
*Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide).....	33.70%
INERT INGREDIENTS	66.30%
TOTAL	100.00%

PM 15
EPA # 11656-28
Pg. 1 of 2
F 9/11/89

Contains Xylene

*Thiodan is a registered trademark of Canadian Hoechst Ltd.
U.S. Patent No. 2,799,685.
Thiodan 3 EC contains 3 pounds Thiodan per gallon.

REENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Certain states require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information.

WARNING-Area treated with Thiodan on (date). Do not enter without appropriate protective clothing for 48 hours. **REQUIRED PROTECTIVE CLOTHING.** Long sleeved shirt, long legged pants, unlined waterproof rubber gloves and pesticide respirator jointed approved by the Mining Enforcement and Safety Administration and by the National Institute of Occupational Safety and Health.

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 wash before reuse. 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 unlined waterproof rubber gloves and a pesticide mask or respirator jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH), under the provisions of 30 CFR Part 11, for protection against Thiodan. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Workers entering treated areas within 48 hours of application should wear protective clothing.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and wildlife. Keep out of lakes, ponds and streams. Birds feeding in treated areas may be killed. Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes and containers. Apply only as specified on the label. This product is toxic to bees and should not be applied when bees are actively visiting the area.

PHYSICAL OR CHEMICAL HAZARDS
Do not use, pour, spill or store near heat or open flame. Do not store at temperatures below 20°F.

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO
FOR AGRICULTURAL USE ONLY. DO NOT STORE IN AREAS ACCESSIBLE TO CHILDREN.

PRECAUCION AL USO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE VOMITING** unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomiting fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on Skin: Wash immediately with soap and water.

NOTE TO PHYSICIAN: Endosulfan is a central nervous system stimulant. Treat symptomatically. There is no specific antidote.

NOTICE OF WARRANTY

WESTERN FARM SERVICE, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

WESTERN FARM SERVICE, INC.
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Walnut Creek, CA 94598

EPA Reg. No. 11656-28-AA
EPA Est. No. 11656-CA-2

NET CONTENT _____ GALLONS

STORAGE AND DISPOSAL

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

STORAGE
Keep in original container. Do not reuse empty container. Store in cool, dry place. Protect from excessive heat. For help with any spill, leak, fire or exposure involving this material, call day or night 800-424-9300.

DISPOSAL
Pesticide wastes are actively hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes cannot be disposed of by use 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.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

IRRIGATION PROHIBITION

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

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS.

or insect 3 EC used. Do not plant root crops other than carrots, potatoes, sweet potatoes, and sugar beets at follow-up crop. Observe days interval between last application and harvest indicated by number in () following the crop.

ALFALFA, grown for forage (21): Meadow Spittlebug - ½ pint per acre. Apply 1 week after eggs begin to hatch or when first small masses of froth are produced in the crown of the plant which is usually about the time the alfalfa is 4 to 6 inches tall. Apply in a minimum of 10 gallons of water per acre by ground or 2 gallons of water per acre by air. Do not apply more than once per cutting. Do not graze or cut forage within 21 days of treatment.

BEANS (2), succulent and dry (except Lima Beans): Black Bean Aphid, Bean Leafhopper, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle - 1½ to 2½ pints. Western Bean Cutworm - Use 1½ quarts. Do not exceed 3 applications per season. Do not lead threshings or allow livestock to graze in treated fields.

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 - 1 to 1½ quarts. Armyworms, Cutworms - 1½ quarts per acre.

CARROTS (7): Green Peach Aphid - 1½ to 2½ pints. Do not exceed 2 applications per season. Do not use tops for feed or feed.

CELERY (7)*: Green Peach Aphid - 1½ pints. *(4): Green Peach Aphid, Cabbage Looper - 2½ pints. Do not exceed 3 applications per season.

CUCUMBERS (9), MELONS (9), SUMMER & WINTER SQUASH (9): Aphids, Cucumber Beetles, Striped Flea Beetle, Melonworm, Pickworm, Rindworm (on watermelons), Squash Beetle, Squash Bug, Squash Vine Borer - 1½ to 2½ pints. For Vine Borer control, apply weekly to flowerbuds, stems and vines beginning when moths first appear. For Cabbage Looper and Omnivorous Leafhopper on Melons use 1½ quarts.

EGGPLANTS (1): Colorado Potato Beetle, Flea Beetle, Green Peach Aphid, Whitefly - 1½ pints per acre.

LETTUCE (14): Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae, Imported Cabbageworm - 1 to 1½ quarts. Do not exceed 3 applications after thinning head lettuce and remove outside leaves at harvest. Do not exceed 2 applications per season on leaf lettuce. Do not feed crop refuse to livestock.

MUSTARD GREENS (21): Aphids, Cabbage Looper, Imported Cabbageworm - 1 quart per acre. Do not exceed 1 application per season.

PEAS, succulent (9): Pea Aphid, Pea Weevil - 1½ to 2½ pints per acre. Do not exceed 2 applications during the fruiting period. Use only on peas to be harvested by combine. Do not feed treated vines to livestock or allow to graze in treated fields.

PEPPERS (4)*: Green Peach Aphid, Flea Beetles, Hornworms, Pepper Maggot - 1½ to 2½ pints. *(1): If maximum of 1½ pints per acre is applied.

POTATOES (9): Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leafhopper Bug, Potato Flea Beetles, Potato Leafhopper, Potato Tuberworm, Whitefly - 1½ to 2½ pints per acre. European Corn Borer, Potato Psyllid - 1 to 1½ quarts per acre. Threelined Potato Beetle - 1½ quarts per acre.

SAFFLOWER: Green Peach Aphid - 1½ quarts per acre. Do not apply after flower heads open.

SPINACH (2): Crown Mite, Green Peach Aphid - 1 quart. Do not exceed 1 application per season.

STRAWBERRIES (4): Cyclamen Mite - 2½ quarts per acre in 400 gallons of water. Do not reapply within 35 days when fruit is present. Meadow Spittlebug, Strawberry Aphid, Tarnished Plant Bug - 1½ quarts per acre in 200 gallons of water. Do not reapply within 15 days or more than twice within a 35 day period when fruit is present.

SUGAR BEETS (20): Green Peach Aphid - ½ to 1½ quarts. Do not feed treated tops to livestock.

stock.

TOMATOES (Field and Greenhouse) (1): Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid - ½ quart. Hornworms - ¼ to 1½ quarts. Tomato Russet Mite, Tomato Fruitworm, Yellowstriped Armyworm - 1½ quarts. Stink Bugs - 1 to 1½ quarts. Cabbage Looper - 1 quart. Whitefly - ½ quart per 100 gallons in 100 to 200 gallons water.

APPLES (20): Aphids (Apple, Rosy Apple, Woolly Apple) - ¾ quart per 100 gallons or 2½ to 3½ quarts per acre. Apple Rust Mite - ½ to ¾ quart per 100 gallons or 4 to 5½ quarts per acre. Do not lead pomace from treated apples to livestock. Do not exceed 2 applications during the fruiting period. Do not feed cull fruits to animals nor allow livestock to graze treated orchards.

CHERRY (21): Plum Rust Mite - ¾ quart per 100 gallons or 2½ to 3½ quarts per acre. Do not exceed 2 applications after shuck split. Do not feed cull fruits to animals nor allow livestock to graze treated orchards.

PEACHES (20), APRICOTS (20), NECTARINES (20): Aphids (Black Cherry, Black Peach, Green Peach, Rusty Plum), Catering insects, Peach Twig Borer - ½ quart per 100 gallons or 2½ to 3½ quarts per acre. Lesser Peach Tree Borer - 1 quart per 100 gallons. Peach Silver Mite - ½ quart per 100 gallons or 2½ to 3½ quarts per acre. Do not exceed 2 applications during fruiting period. For Lesser Peach Tree Borer, thorough wetting of trunks and main branches is important.

Do not feed cull fruits to animals nor allow livestock to graze treated orchards.

PLUMS (7), PRUNES (7): Lesser Peach Tree Borer - 1 quart per 100 gallons or 2½ to 3½ quarts per acre. Apply spray to thoroughly wet trunks and main branches. Peach Tree Borer - 1 quart per 100 gallons or 2½ to 3½ quarts per acre. Spray thoroughly to cover all bark areas from ground to scaffold limbs.

Do not feed cull fruits to animals nor allow livestock to graze treated orchards.

GRAPES (7): Grape Leafhopper - ½ quart per 100 gallons or 1½ to 2 quarts per acre. Rose Chaler - ½ quart per 100 gallons. Do not apply to Concord variety as severe injury is likely to occur. Ground application preferred.

PEARS (7)*: Consperse Stink Bug - Ground treatment, use ½ quart per 100 gallons, 200 to 400 gallons spray per acre applied to orchard floor and ground around trees prior to bloom. Do not graze livestock in treated orchards. Feller treatment, use ½ quart per 100 gallons or 2½ quart to 3½ quarts per acre. Stink Bugs must be wet to obtain control. Pear Rust Mite - ½ quart per 100 gallons or 2½ to 3½ quarts per acre. Pearleaf Blister Mite - ½ to 2½ quart per 100 gallons applied as a post-harvest or dormant treatment. Pear Psyllid - 3½ quarts in sufficient water to treat 1 acre. (Minimums of 10 gallons per acre for aerial application, 40 gallons per acre for semi-concentrate, and 300 gallons per acre for ground). Apply when adults are first observed or nymphs are small and repeat to maintain control. Make no more than 2 applications during the fruiting period. *(21): Make no more than 5 applications during the fruiting period. NOTE: Aerial application does not result in satisfactory control and should only be employed if impossible to apply by ground.

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