

DANGER!

KEEP OUT OF REACH OF CHILDREN



STOP! READ CAREFULLY AND FOLLOW BEFORE USE.

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe dust. Wear protective clothing and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after each use. Wash hands, arms and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. Keep all unprotected persons out of the operating area or vicinity. Do not use in or near human dwellings. When using formulation in greenhouses or other enclosed areas, wear a mask or respirator effective for protection against Dasanit.

Do not contaminate feed or food. Do not use on plants other than those recommended. Use only according to label directions. Application at rates above those shown may result in illegal crop residues.

Toxic to fish and wildlife. Do not contaminate streams, lakes, or ponds. Birds feeding on treated areas may be harmed.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TREATMENT: In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until vomit fluid is clear. Never give anything by mouth to an unconscious person. Give artificial respiration if breathing has stopped. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

NOTE TO PHYSICIAN: ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

CONTAINER DISPOSAL

DO NOT RE-USE THE CONTAINER - Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Burn the empty container completely. Exercise extreme caution and stay well away from the smoke.

Do not use container in any connection with feed, food, and drinking water.

DIRECTIONS FOR USE

The use of Hopkins Special Granules is limited to use on onions in the North Central and Northeastern States only.

Hopkins Special Granules will give effective control of onion maggots (including those resistant to certain chlorinated hydrocarbon insecticides) and onion smut.

ONION (DRY BULB ONLY): To control onion maggot and onion smut, apply Hopkins Special Granules at the rate of 20 pounds per acre with 18 inch row spacing or at the rate of 10 ounces per 1,000 linear feet of row regardless of row spacing. In the event of extremely narrow row spacing, do not exceed the rate of 20 pounds per acre. Distribute the granules evenly in the seed furrow at planting time. **DO NOT APPLY TO GREEN-BUNCH ONIONS.**

TERMS OF SALE

NOTICE: "Seller" as used in this NOTICE and statement of TERMS OF SALE includes manufacturers and distributors of product. Used strictly as directed it produces satisfactory results as warranted herein. Since actual use will be beyond control and knowledge of Seller, Seller does not assume risk of injury to persons or property though it is claimed the product is used in accordance with directions and that all cautionary instructions have been followed. **THE BUYER AND USER ASSUME ALL RISK OF AND RESPONSIBILITY FOR INJURY TO PERSON OR PROPERTY CAUSED BY PRODUCT WHETHER USED IN ACCORDANCE WITH DIRECTIONS OR NOT OR WHETHER CAUSED BY NEGLIGENCE OF SELLER.** Seller ONLY warrants that this product conforms to chemical description on label and will control the insect and disease mentioned hereon. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY** exceptsofar as it includes a warranty to control the insect and disease mentioned hereon when used strictly in accordance with directions. Seller has not conducted experiments on the use or packaging of this product. No agent or representative of the Seller is authorized to make any warranty, guarantee, or representation contrary to the TERMS OF SALE stated on this label. Label contains a complete statement of terms and conditions under which product is sold.

In any event, it is agreed by BUYER and USER that liability of Seller for breach of warranty, or for negligence, is to consist solely and exclusively of amount of purchase price.

PURCHASE OR USE OF THIS PRODUCT CONSTITUTES ACCEPTANCE OF ALL TERMS STATED HEREIN.

NET WEIGHT

50 POUNDS

HOPKINS AGRICULTURAL CHEMICAL CO.
MADISON, WISCONSIN

HOPKINS
THIODAN®
EMULSIFIABLE CONCENTRATE

Contains 2 Pounds Thiodan (Endosulfan) Per Gallon

THIS MATERIAL MUST NOT BE USED AS AN INSECTICIDE WITHOUT DILUTION

ACTIVE INGREDIENTS:

*ENDOSULFAN	23.98%
XYLENE Range Aromatic Petroleum Derivative.	69.02%
INERT INGREDIENTS:	<u>7.00%</u>
	tal. . . 100.00%

©Thiodan is a registered trademark of Canadian Hoechst Limited.
*Hexachloro-hexa hydro-methane-2,4,3-benzodioxathiepin oxide.
U.S. Pat. No. 2,799,685
USDA Reg. No. 2393-

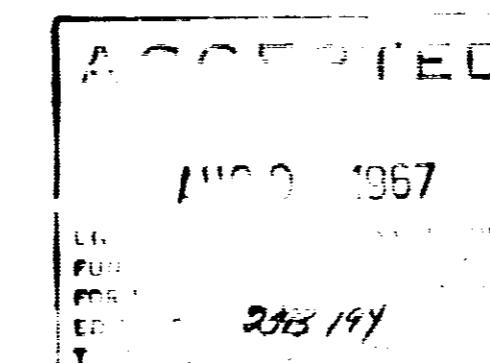
(Front panel over
30 sq. inches.)

WARNING (18 Pt. Type)
KEEP OUT OF REACH OF CHILDREN (12 Pt. Type)

See Side Panels for Additional Warning Information, Use Directions,
Safety Directions and Terms of Sale.

DO NOT STORE BELOW 0° F.
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

STORE IN A DRY, WELL VENTILATED AREA



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1 GALLON

Packed by
HOPKINS AGRICULTURAL CHEMICAL CO.
Madison, Wisconsin

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- If swallowed, inhale or absorbed through skin.
- DO NOT breathe spray mist or vapor.
- In eyes, on skin, in eyes, or on clothing.
- In case of contact, remove contaminated clothing and wash skin with soap and water; for eyes, flush with water and get medical attention. Wash clothing with soap and water before eating or smoking.
- DO NOT allow or allow to drift to areas occupied by unprotected humans or domestic animals.
- Toxic to fish. To protect fish and wildlife DO NOT contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes and containers.
- TEMP CONTAINER CLASS:** REMOVE LEAKING PACKAGE BY A SAFE ROUTE. See front page for storage information.

SAFETY DIRECTIONS

Use clean clothing and wash thoroughly with soap and water after handling and before eating or smoking. During commercial or prolonged exposure in spray mixing and loading operations and in greenhouse applications wear clean synthetic rubber gloves and a mask or respirator of a type passed by the U. S. Department of Agriculture for human protection.

CAUTION: Farmers entering treated areas the day of application and the day after application should wear protective clothing.

COPATIBILITY: Thiodan is incompatible with the following: Calcium arsenite, Lime and Zinc sulfate + lime.

HIGH QUALITY

NOTE: "Seller" as used in this NOTICE is used in reference to manufacturers and distributors of product. "Used strictly as directed" is true only if results as warranted herein. Since actual use will be beyond control and knowledge of seller, seller does not assume risk of injury to persons or property. When it is believed the product is used in accordance with directions and that all safety instructions have been followed, THE SUPPLY AND USEER ACTS AT HIS OWN RISK AND PURCHASE OF THIS PRODUCT CONSTITUTES ACCEPTANCE OF THESE TERMS. Seller shall not be liable for damage to property or personal injury resulting from use of this product conforming to chemical description on label and will not assume responsibility for personal injury. SELLER IS UNABLE TO TEST ALL THOSE HARMFUL INSECTS WHICH MIGHT INFEST CROPS OR OTHER PLANTS OR ANIMALS. SELLER HAS NOT CONDUCTED EXPERIMENTS ON THE USE OR PACKAGING OF THIS PRODUCT. It is the responsibility of the buyer to determine its value and warranty, therefore, SELLER IS UNLIABLE FOR ANY INJURY TO THE PRODUCT WHICH IS STATED IN THIS NOTICE. Since no test has been conducted on long term, take a sufficient sample size, up to 1000 lbs.

It is a good idea to keep a copy of this notice for reference. If you have any questions, call your dealer, or write to the manufacturer, or distributor.

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1. PESTICIDES

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CONT.

ONE GALLON OF THE USE IN 100 GALLONS OF WATER, UNLESS OTHERWISE STATED.

APPLES - For apple aphid and rosy apple aphid, use 2 pints per acre. In the EAST apply within 11 days of harvest or make more than three applications during the fruiting period. DO NOT feed porcine from treated apples to livestock.

BERRIES - For meadow spittlebug and strawberry aphid use 2 to 4 pints per acre. For cyclamen mite use 1 gallon in 400 gallons of water per acre in eastern areas, applying to foliage as needed. DO NOT apply at intervals of less than 15 days or more than twice during any 35 day period when fruit is present for spittlebug and aphid. DO NOT apply at intervals of less than 35 days for mite. DO NOT apply within 4 days of harvest.

THE APPLICATION RATE FOLLOWS EXCEPT AS NOTED IN THIS.

USE 1 PINTS PER ACRE FOR APPLES AND STRAWBERRIES.

2. PLANTS

CABBAGE, LETTUCE - For cutworm, cabbage maggot, imported cabbageworm, diamondback moth larvae, flea beetle, harlequin bug, and straw fly, use 1 pint per acre. DO NOT apply within 7 days of harvest.

CELERY, CARROTS - For cutworm, diamondback moth, imported cabbageworm, and straw fly, use 1 pint per acre. For leafhopper, flea beetle, and straw fly, use 1 quart per acre. Apply as needed, up to 4 times.

CORN, TURNIPS, BEETS - For aphid, flea beetle, lister beetle, and straw fly, use 1 pint per acre; on carrots use 1 quart per acre; on beets use 1 pint per acre. For lister beetle use 1 pint per acre, for imported cabbageworm, diamondback moth, straw fly, flea beetle, and straw fly, use 1 quart per acre. For leafhopper, plant lice, beet leafhopper, beet armyworm, and straw fly, use 1 quart per acre; for imported cabbageworm, diamondback moth, and straw fly, use 1 pint per acre. For European corn borer, use 1 quart per acre. Apply as needed, up to 4 times. DO NOT apply within 7 days of harvest or to straw.

CUCUMBERS, CUCUMBERS, CUCUMBERS - On adult cucumber beetle, use 1 pint per acre; on larvae, use 1 quart per acre. For adult cucumber beetle, use 1 pint per acre. DO NOT apply within 7 days of harvest.

MARSHMALLOW, MULLEIN, SWEET VINE, AND VINEYARD - For aphid, leafhopper, marsh vine borer, and striped saltgrass flea beetle use 1 pint per acre. For striped saltgrass flea beetle on mullein use 1 quart per acre. DO NOT apply more than 4 times.

ONION, MUSHROOM - For calabash borer, diamond-back moth larvae, imported cabbageworm, and onion root maggot, use 1 pint per acre. If all males were to be killed after application, apply additional 1 pint per acre. For imported cabbageworm, use 1 quart per acre. Apply as needed to straw fly.

POTATOES - For Colorado potato beetle, use 1 pint per acre. For flea beetle, use 1 quart per acre.

100% CHLOROPHYLL
FRESH FRUIT & VEGETABLES

FIELD CROPS

FRUIT - For flea beetle, hornworm, bud worm, green peach aphid and caterpillar insects.

Field Treatment: Use 1 to 2 quarts per acre. For stink bugs use 1 to 1-1/2 quarts in 100 gallons of water. DO NOT apply within 5 days of harvest.

Seedbed: Use one quart in 100 gallons of water, using about 6 gallons of spray per 100 square yards. For green June bug larvae use one pint in 100 gallons of water. Apply as a drench, using one gallon of spray mixture per sq. yd. of plant bed, at first sign of larvae activity.

SOYBEANS: - For green stink bug and Mexican bean beetle use 1 pint/s per acre. DO NOT apply after pods start to form nor feed treated grain to livestock.

SMALL GRAINS: (Barley, Oats, Rye, Wheat) - For army cutworm use one quart per acre. DO NOT apply after heads begin to form. DO NOT feed treated grain to dairy animals or animals being finished for slaughter.

VEGETABLES: - (Greenhouse and outdoor) - For onions, whitefly and aphids use 1 pint per 100 gallons of water. DO NOT use on alder trees and Paulownia (lilac). Certain other varieties of chrysanthemum when in flower may need.

"DO NOT exceed maximum dosage of 100% chlorophyll."

DO NOT USE ON ALL LEAVES OF LILAC, ALMOND, APRICOT, CHERRY, PLUM, PEACH, PEAR, OR QUince.

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