

BEST DOCUMENT AVAILABLE

Just only areas inaccessible to children and pets. Do not breathe dust. Do not contaminate food and feed-stuffs. Keep out of reach of children and domestic animals.

RIAM

GUARANTEED TO KILL

All types of
ROACHES

WATERBUGS

Killing Action That Lasts For Months

WARNING: Keep out of reach of children. See back panel for additional directions.

CAUTION

WARNING: May be FATAL if Swallowed. Do not breathe dust. Do not contaminate food and feed-stuffs. Keep out of reach of children and domestic animals.

ANTIDOTE: Give white of egg, 4 to 8 oz. lime water, make vomit with mustard in glass of hot water. Call your doctor.

Active Ingredients:

Sodium Fluoride	40.00%
Powdered Syms Of Ryania Speciosa	13.35%
Technical Piperonyl Butoxide	1.50%
Inert Ingredients	45.15%
	<u>100.00%</u>

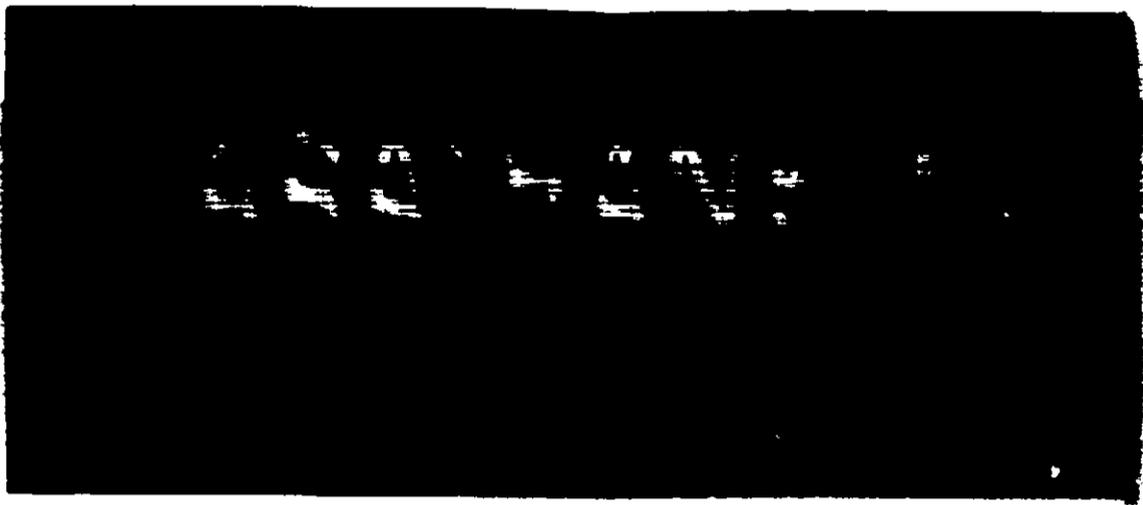
*Equivalent to 1.20% (Butylcarbityl) (6-Propylpiperonyl) Ether, And to 0.30% Of Related Compounds** and 89% Of Alkaloids Of Ryania.

Manufactured By
FINE PRODUCTS CO.
Nashville, Tenn.
USDA REG. NO. 699-18

POOR ORIG.

ACCEPTED
Aug 26, 1970
UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO.

**FOR AGRICULTURAL USE ONLY OR ONLY
FOR SALE TO, USE, AND STORAGE BY SERVICEPERSONS**



For general directions see back panel.

FLOWERS — Aster, larkspur, begonia, belladonna, dahlia, chrysanthemum, calendula, delphinium, gerbera (Transvaal daisy), hydrangea, African violet (Saintpaulia), snap dragon — Powdery mildew, red spider, clover mites. Use 4 to 6 ounces per 100 gallons of water or 2 level tablespoons per 12½ gallons of water in greenhouse. Use 6 to 8 ounces per 100 gallons of water or 2 level teaspoons per 3 gallons of water for outdoor application plus a spreader-sticker such as TRITON B-1956. Begin when mildew appears. Use thorough full coverage and repeat at 7 to 10 day intervals.

ROSES — (Greenhouse) — Powdery mildew, red spider, clover mites. Use 4 to 6 ounces KARATHANE WD per 100 gallons of water or 2 level tablespoons per 12½ gallons of water plus suitable spreader-sticker such as TRITON B-1956 in a light misting spray. Begin when mildew appears and repeat at 5 to 7 day intervals or as necessary. Use thorough full coverage and apply to undersides of leaves. Apply with care when temperatures approach 85°F. Do not apply at temperatures over 90°F.

ROSES — (Outdoor, including rosa multiflora) — Powdery mildew, red spider mite. Use 6 to 8 ounces KARATHANE WD per 100 gallons of water or 2 level teaspoons per 3 gallons of water plus a suitable spreader-sticker such as TRITON B-1956. Begin when mildew appears, repeat at 7 to 10 day intervals in thorough full coverage.

For control of black spot use FORE®/FORE® WD fungicide alone or in combination with KARATHANE WD sprays.

KARATHANE DUSTS — KARATHANE WD may be used in dust form. Approved formulas, with and without insecticides or other fungicides, are available from selected dust mixers.

NURSERY STOCK (Apples, peaches, cherries) — Powdery mildew. Use ½ lb. KARATHANE WD per 100 gallons of water. Begin applications as buds begin to break or at pre-pink in the orchard or when new infection appears. Repeat at 7 to 10 day intervals or when new infection appears. If established mildew growth is noticed add 2 ounces TRITON B-1956 per 100 gallons of water.

Do not apply to cherry trees that will bear fruit within one year of treatment.

ORNAMENTAL TREES AND SHRUBS — Lilac, hydrangea, euonymus — Powdery mildew, red spider, clover mites. Use ½ lb. per 100 gallons of water or 1 level teaspoon per gallon of water. Apply when mildew appears and repeat at 7 to 10 day intervals or as necessary.

NOTE: To improve wetting and distribution of KARATHANE WD spray on hard-to-wet foliage, add 2 to 6 ounces TRITON B-1956 per 100 gallons of spray.

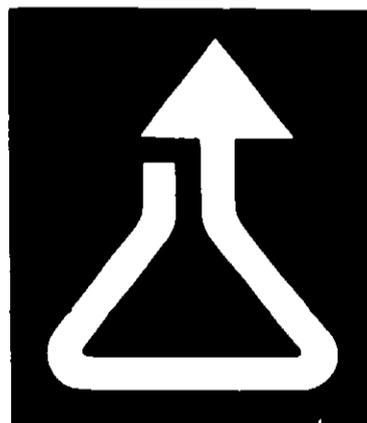
STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then perforate and dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

707-53



**ROHM
AND
HAAS**
PHILADELPHIA, PA. 19105

CAUTION

KEEP OUT OF REACH OF CHILDREN

Before using this product see side panel for additional precautionary statements and see label text for use directions, use restrictions, storage and disposal instructions and limit of warranty and liability statements.

ACTIVE INGREDIENTS

2,4-Dinitro-6-octyl* phenyl crotonate	18.25%
2,6-Dinitro-4-octyl* phenyl crotonate	1.25%
Nitrooctyl* phenol (principally dinitro)	80.50%
INERT INGREDIENTS	100.00%

*A mixture of 1-methylheptyl, 1-ethylhexyl, and 1-propylpentyl isomers

EPA Reg. No. 707-53-AA
EPA Est. No. 707-PA-1

© Copyright 1982 Rohm and Haas Company

NET WEIGHT **3** LBS
(1.361 KG)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye, skin, nose and throat irritation. May cause allergic skin reaction in susceptible individuals. Avoid contact with skin, eyes, and clothing. Avoid breathing dust or spray mist.

Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Administer sedatives if necessary to control apprehension and excitement. Be prepared to counteract respiratory depression and hypertension, which may occur following the administration of anti-convulsants.

IF INHALED: Remove victim to fresh air. Treat the victim symptomatically. If irritation persists, call a physician.

IF ON SKIN: Wash exposed areas with plenty of soap and water. If irritation persists, call a physician.

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. If irritation persists, call a physician.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams or ponds. 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.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product in a manner other than as directed by label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to, damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

DIRECTIONS FOR USE

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

GENERAL: KARATHANE WD is especially effective for the control of powdery mildew and certain mites. KARATHANE WD may be applied alone or with DITHANE[®], captan, glyodin, ferbam, thiram, and with most insecticides and miticides including malathion, Systox[®], Guthion[®] and parathion, except as noted. For further details, see recommendations on this label and then consult the current State Experiment Station spray schedules.

Directions given below are for single strength sprays. KARATHANE WD may be used in concentrate or airblast sprayers, but adjust dosages accordingly. Do not use in concentrate sprays in California.

APPLES, PEARS — For control of powdery mildew and to suppress European red, clover, two-spotted mites. Use ½ to ¾ lb. KARATHANE WD in 100 gallons of water. For dilute spray apply in full coverage spray at 500 to 800 gallons per acre. Begin at delayed dormant to pink stage and continue in every regular spray at 7 to 14 day intervals into the cover sprays until terminal growth is completed or mildew activity has ceased. Applications should not be more than 14 days apart. Control measures are needed on these crops from the time buds break or at first signs of mildew activity, and continued through terminal growth and new bud formation, to reduce overwintering infection in the buds. From 4 to 8 applications are usually required per season depending on variety, location and disease severity. Thorough coverage is necessary. When mildew growth is heavy add a spreader-sticker for thorough wetting of mildew spores and mycelium. Certain spreader-stickers reduce the deposit of KARATHANE WD on apples and pears. TRITON[®] B-1956[®] is recommended at 1 to 2 ounces per 100 gallons of dilute spray.

In the East, ¼ lb. KARATHANE WD per 100 gallons of water may be used on varieties (such as Delicious, MacIntosh & Stayman) slightly to moderately susceptible to powdery mildew and on susceptible varieties under light infection conditions. Apply every 5 to 7 days as needed or until terminal growth is completed.

Do not use more than ½ lb. of 25% wettable parathion with KARATHANE WD from pink through second cover, or apply in separate applications. Other phosphate insecticides such as malathion, Guthion, and Systox seem compatible with KARATHANE WD at any time.

To avoid residues, do not use KARATHANE WD within 21 days of harvest on apples and pears. Do not graze treated areas to livestock or feed cover crops grown in treated orchards to animals.

CANTALOUPE, CUCUMBERS, MELONS, PUMPKINS, SQUASH — Powdery mildew. Use 6 to 12 ounces per acre. Mix 6 to 8 ounces KARATHANE WD in 100 gallons of water and apply 100 to 150 gallons per acre. Apply when mildew appears and repeat at 7 to 10 day intervals. From 3 to 10 applications may be required. On cucumbers and summer squash, spray a maximum of 3 to 4 times to an individual set of fruit. Do not use within 7 days of harvest. Do not use on cantaloupes, cucumbers, melons, pumpkins or squash in California.

CUCUMBERS — (Greenhouse) — Powdery mildew. Use 4 to 8 ounces per 100 gallons of water or 2 to 3 level tablespoons per 12½ gallons of water. Apply in a light, thorough spray. Begin when mildew appears and repeat at 5 to 7 day intervals or as necessary. Do not apply when temperatures exceed 90°F. Do not use within 7 days of harvest. Do not use on cucumbers grown in greenhouses in California.

GRAPES — Powdery mildew. Use 1 to 2½ lbs. per acre. Mix ½ lb. in 100 gallons of water and apply 200 to 500 gallons per acre depending on size of vines and density of foliage. Begin applications when mildew appears (usually during early stages of foliage growth) and repeat at 10 to 14 day intervals. From 2 to 6 applications may be required. Do not use within 21 days of harvest. Do not use on grapes in California.

PEACHES & APRICOTS — Powdery mildew. Use ½ to ¾ lb. per 100 gallons of water at pink bud and petal fall and in subsequent spring sprays if disease persists, and post harvest. Do not apply within 45 days of harvest. Do not graze treated areas to livestock or feed cover crops grown in treated orchards to animals. Do not use on peaches and apricots in California.

Mr. Charles F. Gordon
Eaton & Mass Company
Independence Mall W.
Philadelphia, PA 19105

Dear Mr. Gordon:

Subject: Karathane WD
EPA Registration No. 707-53
Your Application Dated September 16, 1982

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

TS:767C:TAYLOR:DCR-28955:WANG-0926C:haw:Raven:479-2013:10/29/82