

(Stauffer Shield)

IMIDAN® 12.5-WP
HOME GARDEN INSECTICIDE

Wettable Powder for Control of Insects on Deciduous Fruit
Trees, Shade Trees Ornamental Trees and Woody Evergreens.

ACTIVE INGREDIENT:

Phosmet: N-(mercaptomethyl)phthalimide	12.5%
S-(0,0-dimethyl phosphorodithioate)	87.5%
<u>INERT INGREDIENTS:</u>	0.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

CALL A POISON CENTER OR A PHYSICIAN IMMEDIATELY.

If a known exposure occurs or is suspected, immediately initiate the recommended procedures below and simultaneously contact a Poison Center, a physician, or the nearest hospital. Or, call collect, day or night, (203) 226-6602 Stauffer Chemical Company, or (800) 424-9200 Pesticide Team Safety Network.

NOTE: Be sure to advise the person contacted that the compound is a cholinesterase inhibitor. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms and follow the advice given.

NOTE TO MEDICAL PERSONNEL: Should cholinesterase inhibition occur, atropine by injection is antidotal. 2-PAM (Protopam Chloride) is also antidotal when administered early and in conjunction with atropine.

If swallowed, immediately give several glasses of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. If victim is unconscious, do not induce vomiting or give anything by mouth.

If inhaled, remove from contaminated atmosphere. If breathing becomes difficult, oxygen may be delivered from a demand-type or continuous-flow inhalor, preferably with a physician's advice. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

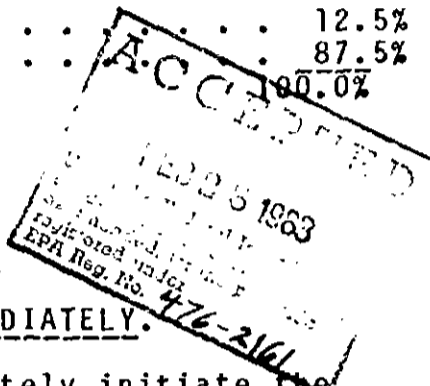
For skin contact, flush all affected areas with plenty of water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention if skin irritation occurs. Wash clothing before re-use.

For eye contact, hold eyelids apart and flush eyes with large amounts of running water for 15 minutes. Seek medical attention if eye irritation occurs.

EPA Reg. No. 476-2161
EPA Est. 476-

.....
..... Lbs. Net Wt. kg
..... RS-321202

Made In U.S.A. By
STAUFFER CHEMICAL COMPANY
WESTPORT, CT 06881-0850



(Left Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

- HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN.
- Avoid contact with skin, eyes and clothing.
- Avoid breathing dust or spray mist.
- Wash hands thoroughly after handling and before eating or smoking.
- Wash all contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS

- This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. 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 area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

STORAGE AND DISPOSAL

- KEEP OUT REACH OF CHILDREN.
- Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool dry cabinet, storage room, or area that can be locked. Do not store near sources of heat or open flame. Do not store excess spray.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap container and put in trash collection.

PRODUCT INFORMATION

IMIDAN 12.5-WP is a wettable powder for use in water for spray applications. IMIDAN 12.5-WP is compatible with most commonly used insecticides and fungicides. It is not compatible with alkaline materials such as lime or bordeaux mixtures.

OBSERVE THE FOLLOWING USE PRECAUTIONS

- .Read all label directions before using. Apply this product only as specified on this label.
- .Keep children and pets away from area while spraying.
- .Never leave insecticide package, spray mixture or sprayer unattended if you are required to leave area before spraying is completed.
- .Wash off walks and other paved areas by hosing.

DIRECTIONS FOR USE

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

When To Spray: Choose a cool, calm period, preferably in early morning or evening. Do not apply if rain is expected or before leaf surfaces are dry.

Equipment: Use a compressed air sprayer, bucket pump sprayer, slide pump sprayer, small power sprayer or wheelbarrow type sprayer. For pest control treatment of large trees, high pressure is needed to drive the spray into dense foliage and to reach the highest branches.

Mixing: Prepare only the amount of spray needed. Pour recommended amount (see RECOMMENDATIONS BELOW) of this material on surface of water in nearly-filled spray tank. Add balance of water to fill tank. For hose-end sprayers follow manufacturer's directions for using wettable powders.

Agitation: Spray mixture requires agitation to keep insecticides from settling. When using small equipment, shake sprayer before and frequently during application. Power Equipment: keep agitator running during mixing and spraying.

Spraying: Spray thoroughly, covering lower and upper leaf surfaces, stems, branches, trunk and base of plant until lightly dripping.

RECOMMENDATIONS

Use 3 tablespoons IMIDAN 12.5-WP per gallon of water when insects or their damage appear. Repeat application as necessary to maintain insect control.

- Recommended on DECIDUOUS FRUIT TREES as specified below. Spray all sides of leaves and fruit thoroughly. Large trees may require up to 10 gallons of spray per tree.

<u>Pest</u>	<u>Apple</u>	<u>Pear</u>	<u>Peach</u>	<u>Apricot/ Nectarine</u>	<u>Prune/ Plum</u>	<u>Tart Cherry</u>	<u>Grape</u>
Cherry Fruit Fly*						X	
Elm Spanworm*	X	X					
Grape Berrymoth*							X
Grape Leafhopper†							X
Grape Leafroller							X
Gypsy Moth*	X	X					
Aphids (Green Apple)	X	X					
Aphids (Rosy Apple)	X	X					
Apple Maggot	X			X	X		
Codling Moth	X	X					
Fruit Tree Leafroller*	X	X				X	
Omnivorous Leafroller							X
Pear Psylla		X					
Plum Curculio	X	X	X	X	X	X*	
Red Banded Leafroller	X	X		X	X		
Tarnished Plant Bug**	X	X	X				
Oriental Fruit Moth			X	X	X		
Peach Twig Borer			X	X	X	X	
European Red Mites**	X	X	X	X	X	X	
Two-Spotted Mites**	X	X	X	X	X	X	

*Northeastern U.S. Only

**For Suppression Only.

†Apply when most nymphs hatch, or consult your cooperative extension service for timing of applications.

For bearing trees do not pick fruit within 7 days of spraying (14 days of Peaches, Apricots, Nectarines and Grapes).

APPLE MAGGOT, CODLING MOTH, ORIENTAL FRUIT MOTH, PLUM CURCULIO: Apply at petal fall and every 10 to 14 days thereafter until control is achieved, or consult your cooperative extension service for timing of applications.

- RECOMMENDED ON DECIDUOUS SHADE AND ORNAMENTAL TREES (ash, beech, oak, dogwood, willow, locust, hickory, hawthorn, birch, elm, maple) to control: Elm Spanworm, Spring Cankerworm, Gypsy Moth.

IMIDAN 12.5-WP

41. 121
5.

. RECOMMENDED ON WOODY EVERGREENS (arborvitae, cedar, fir, hemlock, juniper, pine, spruce, yew) to control: Gypsy Moth.

. RECOMMENDED ON BIRCH TREES to control: Birch Leaf Miner.

NOTE: Limit all uses for control of Gypsy Moth, Elm Spanworm and Birch Leaf Miner to the Northeastern U.S. only. Recommended for Spring Cankerworm in the Northeastern and Midwestern U.S.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.