

U.S. LABEL

Reason to Issue: Revise Signal Word, Precautionary Statements and Statements of Practical Treatment sections to show toxicity category I via eye damage.

Date of Draft: 9/26/90 (Pre-Reg) (M)
Supersedes Draft Dated: 7/25/90 and
Pre-Reg Draft Dated: 8/31/88

EPA Reg. No. 3125-99

TO BE PRINTED AS A SINGLE PANEL LABEL

**METASYSTOX-R
50% CONCENTRATE
Insecticide**

FOR USE IN THE MANUFACTURE OF INSECTICIDES

| | |
|--|------|
| ACTIVE INGREDIENT: | |
| <u>S</u> -[2-(Ethylsulfinyl)ethyl] <u>O,O</u> -Dimethyl phosphorothioate | 50% |
| INERT INGREDIENTS: | 50% |
| | 100% |

FLAMMABLE! KEEP AWAY FROM HEAT AND OPEN FLAME

EPA Reg. No. 3125-99

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE REACH OF CHILDREN

DANGER

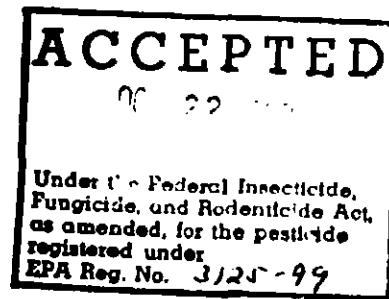
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Causes irreversible eye damage. May be fatal if inhaled, swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before reuse.

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

Do not contaminate feed or food.



STATEMENTS OF PRACTICAL TREATMENT

If in eyes, flush with plenty of water. Call a physician. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin, wash with plenty of soap and water. Get medical attention.

If poisoning occurs, obtain medical aid immediately.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

PROTECTIVE CLOTHING, EQUIPMENT AND WORK SAFETY

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP WORK and get help right away. See First Aid (Practical Treatment) section of label.

If handled indoors, provide mechanical exhaust ventilation.

HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant shoes, shoe coverings, or boots. Wear goggles or a face shield. Wear a pesticide respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.

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METASYSTOX-R 50% Concentrate Insecticide

PHYSICAL AND CHEMICAL HAZARDS (Continued)

IF MIXING AND/OR LOADING IN A CLOSED SYSTEM WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:

Wear long sleeve shirt and long legged pants. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant shoes, shoe coverings, or boots. Wear goggles or a face shield. Respirators approved by the Mining Enforcement and Safety Administration in addition to the National Institute for Occupational Safety and Health should be available nearby for use in case of an emergency.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK, take off all clothing and shoes. Shower using soap and water. Wear only clean clothes. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Personal and protective clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with oxydemeton-methyl must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

DIRECTIONS FOR USE

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

Closed systems for mixing and/or loading this product must be capable of removing the pesticide from the shipping container, rinsing the container, and transferring the pesticide and the rinsate into mixing tanks. Protective clothing and equipment, specified in the pesticide labeling must also be used when mixing and/or loading this pesticide.

METASYSTOX-R 50% Concentrate is intended for formulation into end use products for:

Terrestrial-Food Uses:

Alfalfa (seed), Clover (seed), Apple (nonbearing), Apricot (nonbearing), Cherry (nonbearing), Crabapple (nonbearing), Grapes (nonbearing), Nectarine (nonbearing), Quince (nonbearing), Avocado (nonbearing), Broccoli, Brussels sprouts, Cabbage, Cauliflower, Citrus (nonbearing), Corn, Cotton, Cucumber, Eggplant, Filbert, Grapefruit, Lemon, Orange, Lettuce, Lima beans, Snap beans, Mint (including spearmint and peppermint), Muskmelon, Watermelon, Onion (Spanish dry bulb), Peach (nonbearing), Pear, Pecan (nonbearing), Walnut (bearing and nonbearing), Peppers, Plum (nonbearing), Prune (nonbearing), Pumpkin, Summer squash, Winter squash, Sorghum, Strawberry, Sugar beets, Turnips, Safflower, Melons

Terrestrial-Nonfood Uses:

Christmas tree plantations, Ornamentals (only by soil or tree injection treatment) such as shade and nursery trees and shrubs

BEST AVAILABLE COPY

METASYSTOX-R 50% Concentrate insecticide

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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.

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

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store away from heat and open flame. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

METASYSTOX-R is a TM of Bayer AG, Germany.

NET CONTENTS _____ POUNDS

IMPORTED BY

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