

RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

VELSICOL®
ENDRIN-Methyl Parathion
EMULSIFIABLE CONCENTRATE




STOP-READ LABEL BEFORE USING!

Contains 1.52 lbs/gal Methyl Parathion by isomer specific AOAC methods 6.405-6.408, 13th Edition, and 1.6 lbs/gal Endrin.

ACTIVE INGREDIENTS:

*Endrin	18.3%
Related Compounds	1.0%
**O,O-Dimethyl O-p-nitrophenyl phosphorothioate	17.4%
Related Compounds	0.9%
Xylene Range Aromatic Solvent	54.5%
INERT INGREDIENTS	7.9%
TOTAL	100.0%

* Hexachlorocyclohexa-endo, endo-dimethanonaphthalene
** Methyl Parathion.

KEEP OUT OF THE REACH OF CHILDREN
DANGER

POISON
SEE SIDE PANELS FOR STATEMENT OF PRACTICAL TREATMENT AND ADDITIONAL PRECAUTIONARY STATEMENTS

E.P.A. Reg. No. 876-127-AA
E.P.A. Est. No. 876-TN-1

NOT FOR HOME USE
NET CONTENTS: 55 GALLONS

VELSICOL CHEMICAL CORPORATION
341 E. OHIO STREET, CHICAGO, ILLINOIS 60611

ACCEPTED
JUL - 8 1982
876-127

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
DANGER



POISON

CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

Poisonous if swallowed, inhaled, or absorbed through the skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to methyl parathion poisoning. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical attention or they may die.

STATEMENT OF PRACTICAL TREATMENT

If on skin: Remove by washing with soap and water. Get medical attention.

If in eyes: Flush the eyes with clean water for 10 minutes. Get medical attention.

If inhaled: Remove victim to fresh air. Transport immediately to emergency treatment facility.

If swallowed and victim is conscious and not convulsing: Call a physician immediately. Give a glass or two of water and induce vomiting by touching back of throat with finger. It is preferable to induce vomiting under medical supervision or to use gastric lavage with a cuffed endotracheal tube because of aspiration hazard. Remove victim immediately to emergency treatment facilities.

If swallowed and victim is unconscious: Clear the upper airway and if victim is not breathing, administer mouth-to-mouth resuscitation. If heart beat is absent, administer cardiac resuscitation. Do not give anything by mouth. If convulsing, hold head back with jaw forward to keep upper airway clear. Transport immediately to emergency treatment facility, maintaining clear airway and administering artificial respiration.

POISON SIGNS (SYMPTOMS)

Warning symptoms include weakness, headache, tightness in the chest, labored respiration, blurred vision, nausea, abdominal cramps, diarrhea, sweating, vomiting, salivation and nonreactive pinpoint pupils. Endrin poisoning may also result in central nervous system stimulation with hyperirritability, convulsions and/or coma.

IF WARNING SYMPTOMS (See above) OCCUR — Keep victim prone and quiet. Start artificial respiration if victim is not breathing. Transport victim to nearest hospital immediately.

ANTIDOTE: ATROPINE is the specific antidote for methyl parathion poisoning. Obtain emergency supply of atropine 1/100 grain tablets from your physician. Keep on hand. There is no specific antidote for endrin intoxication.

INFORMATION FOR PHYSICIANS

Endrin is a CNS depressant and hepatotoxin. Toxic dosage causes convulsions, respiratory depression, and liver damage. Impaired respiration must be supported by oxygen given by mechanical ventilation. Diazepam is useful in controlling convulsions. Intravenous glucose and B vitamins help to protect the liver. There is no specific antidote. Do not give vegetable oils or milk (which increases GI absorption). Large amounts of activated charcoal and saline laxatives help to limit GI absorption. Do not give adrenergic agents (myocardial irritability.) Excretion of endrin from the body may require days or weeks.

Methyl parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression.

For convulsions, administer barbiturate as anticonvulsant therapy.

Give 2 to 4 mg (1/30 to 1/15 grain) of atropine, immediately, preferably by intravenous injection, and repeat at 5 to 10 minute intervals until signs of atropinization appear (dry, flushed skin, dilated pupils, rapid pulse). Maintain full atropinization, and give 1 gm. (adult dosage) Protopam (2-PAM) intravenously, slowly, to restore normal erythrocyte cholinesterase levels. Prior to administration of Protopam (2-PAM), determine cholinesterase level by a blood test. DO NOT GIVE MORPHINE OR TRANQUILIZERS.

At the first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary.

Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by a blood test.

WORK SAFETY RULES

Wear clean synthetic gloves and a mask or a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing daily.

Required Clothing For Female Workers

Female ground applicators, mixers and loaders and flagpersons must wear long-sleeved shirts and long pants made of a closely woven fabric, and wide-brimmed hats. Mixers and loaders must also wear rubber or synthetic rubber boots and aprons.

Warning To Female Workers

The United States Environmental Protection Agency has determined that endrin causes birth defects in laboratory animals. Exposure to endrin during pregnancy should be avoided. Female workers must be sure to wear all protective clothing and use all protective equipment specified on this label. In case of accidental spills or other unusual exposure, cease work immediately and follow directions for contact with endrin.

DIRECTIONS FOR USE

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

Read precautionary statements carefully before using.

Consult State Agricultural Experiment stations for additional information as the timing, number and rate of applications needed may vary with local conditions.

Mix with water by agitation or by circulating the mixture through the spray pump and back into the tank. Agitate before use until a uniform milky emulsion is formed. A proper water mixture will have the appearance of a milky emulsion with no free oil on the surface.

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APPLICATION RESTRICTIONS

Do not apply this product within 1/4 mile of human habitation.
 Do not apply this product by air within 1/4 mile or by ground within 1/4 mile of lakes, ponds, or streams. Application may be made at distances closer to ponds owned by the user but such application may result in excessive contamination and fish kills.
 Do not apply when rainfall is imminent.
 Apply only when wind velocity is between 2 and 10 MPH.

PROPHYLACTIC USE

Unnecessary use of this product can lead to resistance in pest populations and subsequent lack of efficacy.

EQUIPMENT

Ground Application

For use with boom-nozzle ground equipment. Apply at not less than 5 gallons total mixture, water and chemical, per acre. Do not use nozzle liquid pressure at greater than 40 pounds per square inch (psi). Do not use cone nozzle size smaller than one capable of delivering 0.16 gallons per minute (gpm) at 40 psi such as type D2-25 or TX-10, or any other atomizer or nozzle giving smaller drop size.

Aerial Application

Do not apply at less than 2 gallons total mixture of water and chemical per acre. Do not operate nozzle liquid pressure over 40 psi or with any fan nozzle smaller than one capable of delivering 0.4 gpm or fan angle greater than 65 degrees such as type B504. Do not use any cone type nozzles smaller than those capable of delivering 0.4 gpm nor whirl plate smaller than #46 such as type D-46 or any other atomizer or nozzle giving smaller drop size. Do not release this material at greater than 10 feet above the crop.

APPLICATION RATES FOR USE ON COTTON WEST OF INTERSTATE HIGHWAY #36 ONLY

Insects	Application Rate of Endrin-Methyl Parathion EC	Limitations
Aphids Beet weevils Borers Cabbage loopers Cotton leafworms Cotton leafworms Cutworms	For early season control—1 pint per acre For mid or late season control—1-2 1/2 pints per acre Repeat at 4 to 5 day intervals until infestation is brought under control	Do not treat within 7 days of hand picking or harvest Persons working in fields within 10 days after treatment should be protected Do not graze dairy animals or animals being finished for slaughter on treated fields.
Leafhoppers Grasshoppers Plant bugs Red spider mites Saltmarsh caterpillars Thrips	2 1/2 pints per acre Repeat at 4 to 5 day intervals until infestation is brought under control.	
Stinkbugs	2 1/2 pints per acre Repeat at 4 to 5 day intervals until infestation is brought under control.	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, ponds, and streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is toxic to bees exposed to direct application. Application should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

Procedures to Follow if Fish Kills Occur or if Ponds Are Contaminated

In case of fish kills, fish must be collected promptly and disposed of by burial. Ponds in which fish kills have occurred, and user-owned ponds exposed to endrin by application at distances closer than otherwise prohibited, must be posted with signs stating: "Contaminated: No Fishing". Signs must remain for one year after a fish kill has occurred or for six months after lesser contamination unless laboratory analysis shows endrin residues in the edible portion of fish to be less than 0.3 parts per million (ppm).

PHYSICAL OR CHEMICAL HAZARDS

Do Not Use, Pour, Spill, or Store Near Heat or Open Flame.

STORAGE AND DISPOSAL

PROHIBITIONS

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

PESTICIDE DISPOSAL

Pesticide, spray mixture or rinse that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL

Metal

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

Plastic

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

LIMITED WARRANTY AND LIABILITY

NOTICE: Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State law, there is no warranty, and the Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label, (ii) arising from handling or storage in violation of label instructions, (iii) for all indirect, special or consequential damages, (iv) when not reported to the Company within one year of discovery, and (v) arising from use of this product with a label designated shell life or four years from date of purchase, whichever first occurs. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

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