

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.

NET CONTENTS _____ GALLONS

**ALCO**
B R A N D**METHYL PARATHION
EMULSIFIABLE NO. 4****(CONTAINS 4 LBS. METHYL PARATHION PER GALLON)**

ACTIVE INGREDIENTS:	BY WEIGHT
O,O-dimethyl O-p-nitrophenyl Thiophosphate*	43.22%
Related Compounds	2.27%
Aromatic Petroleum Solvent	48.26%
INERT INGREDIENTS:	6.25%
TOTAL	100.00%

*Methyl Parathion

**DANGER: BEFORE USING, READ THIS LABEL
CAREFULLY****POISON****DANGER****KEEP OUT OF REACH OF CHILDREN
SEE OTHER WARNINGS ON LEFT PANEL**

Manufactured By

VALLEY CHEMICAL COMPANY
GREENVILLE P. O. BOX 1317 MISSISSIPPI

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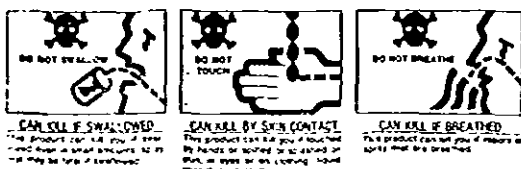
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DANGER — POISON — PRECAUTIONS NOT FOR HOME USE



POISON SIGNS (Symptoms)

Methyl parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.



POISON



ATROPINE IS AN ANTIDOTE.
CONSULT PHYSICIAN FOR
EMERGENCY SUPPLY.

CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 grain of 0.65 milligrams) at once. (One tablet to children under five years of age.)



FIRST AID TREATMENT

STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. If doctor cannot come, take victim to clinic or hospital. Move patient immediately from the area where methyl parathion is present.

IF INHALED, remove victim to fresh air. If not breathing immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Have victim lie down and keep quiet.

NOTE TO PHYSICIAN

Antidote — administer atropine sulfate in large doses, TWO TO FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine which is a symptomatic and often life-saving antidote. **DO NOT GIVE MORPHINE OR TRANQUILIZERS BECAUSE THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECTS ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT.** This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At 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.**

WORK SAFETY RULES

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.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product consult the State

Agriculture Extension Service or Experimental Station for specific recommendations regarding such blood tests.

If handled indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons and animals away from treated area or where there is danger of drift.

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.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber over-shoes. (2) Wear safety goggles. (3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and the National Institute for Occupational Safety and Health under the provisions of 30 CFR part II. (4) Wear heavy duty natural rubber gloves.

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

AFTER WORK take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving the job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

ORAL WARNINGS shall inform workers of areas or fields that may not be entered without protective equipment and clothing specified on this label during treatment or for 48 hours following treatment. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

WRITTEN WARNINGS must include the following information

DANGER—Area treated with Methyl parathion on — (date) —. Do not enter without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.

ATTENTION

To avoid excessive residues of methyl parathion on food or forage crops always observe the statements found under "Directions for Use," limiting the time before harvest when methyl parathion may be applied.

Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be sprayed.

Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

ENVIRONMENTAL HAZARD

This product is toxic to fish, shrimp, crab, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. 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.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARD

Combustible: Do not use, pour, spill or store near heat or flame.

In case of

FIRE, use water spray, dry chemical or CO₂.

those

SPILL or LEAK keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

STORAGE AND DISPOSAL

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

STORAGE AND HANDLING:

1. Handle container carefully so as to avoid damage and prevent leakage.
2. Do not use or store in or around the home.
3. Store container in a well ventilated place.
4. Empty container retains vapor and product residue. Observe all label safeguards until container is cleaned, reconditioned or destroyed.
5. Keep out of reach of children and domestic animals.

DISPOSAL:

Wastes of this pesticide are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label use instructions, contact your state pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Triple rinse empty container with 5% caustic soda solution. Flush with water. Then offer for recycling or reconditioning, or puncture to prevent other use and dispose of in an approved landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

Be sure to read the precautionary statements before using!

This product is designed for application after dilution with water and for use by trained operators using airplane or power ground equipment. The hazards and precautions for handling the product in this container are equally applicable to it after dilution with water for spray application. Add the concentrate to the spray tank while filling with water and mix thoroughly either by means of a tank agitator or pump by-pass. For best results, thoroughly cover all surfaces to be treated with spray. Rates of application given below should not be exceeded. Never apply later than indicated to assure residue levels at harvest are below tolerances established by the Food and Drug Administration.

FOR CONTROL OF:—Boll Weevil, Thrips, Cotton Aphid, Flea Hoppers, Lygus Bugs, Tarnish Plant Bugs and Stink Bugs on rice

MIXING: — Add the amount of Valco Brand Methyl Parathion Emulsifiable No. 4 recommended for the control of each insect to the water necessary to treat one acre. Mix thoroughly before applying. If solution is allowed to stand several hours, agitate well before using.

USE ON COTTON: — Use Valco Brand Methyl Parathion Emulsifiable No. 4 at the rates recommended below for particular insect to be controlled. This product should be used on 3 to 5 day intervals, or as necessary to keep insect under control. The rate and interval of application will depend upon the size of cotton, degree of insect infestation, weather, and method of application. Proper timing and uniform application are essential for best results. Methyl Parathion has a rapid action on insects, but a short residual toxicity. Frequent applications are often necessary. Make no application within 15 days of harvest or pasturing.

THRIPS: — Apply at rate of one (1) gallon per 20 acres.

BOLL WEEVIL AND COTTON APHID: — Apply at rate of one (1) gallon per 8 to 16 acres.

FLEAHOPPER, LYGUS BUGS AND TARNISHED PLANT BUGS: Apply at rate of one (1) gallon per 16 to 26 acres.

SOYBEANS: — For control of Bollworms apply at rate of one (1) gallon per 4 acres. Make no applications within 20 days of harvest.

Do not apply more than twice per growing season.

RICE: — For control of stink bugs apply at rate of one (1) gallon per 16 acres. Make no application within 15 days of harvest.

WHEN MAKING APPLICATIONS WITH AIRPLANES: — Follow the same Application Program given for ground sprayers, applying one (1) gallon per 16 acres, in 1 to 3 gallons spray mix per acre.

NOTICE TO USERS:

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 of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Reg. Trademark of VALLEY EMICAL COMPANY

E.P.A. Reg. No. 1063-104

EPA Est. 1063-MS-1

1-4/4
SUPPLEMENTAL LABELING
METHYL PARATHION EMULSIFIABLE NO. 4

For States of Mississippi and Arkansas

SLN No. MS-810028

SLN No. AR-815533

For use on small grain; Barley, Wheat and Oats, apply 1/2 to 2 1/2 pts per acre for control of aphids and armyworms. Use higher rates for armyworm control. DO NOT apply within 15 days of harvest. Best results will be obtained when daytime temperatures are in the 70's. Refer to label on container for mixing instructions and safety information.

This labeling must be in the possession of the user at the time of application.

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

METHYL PARATHION MIXTURE, LIQUID, POISON B, NA-2783, RQ

ACCEPTED

JAN 14 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 1063-104



POISON

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