

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

May be fatal if swallowed, inhaled or absorbed through the skin or eyes. Do not breathe fumes. Avoid exposure to fumes. Wear clean rubber gloves, waterproof protective clothing and goggles when handling concentrate or prepare emulsions. Wear a mask or 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. Keep all unprotected persons out of the operational area. In case of contact, wash immediately with soap and water. Wash thoroughly with soap and water after use and before reuse. Children and animals must not be able to reach or handle the concentrate or diluted emulsion. It is recommended that only the amount of diluted emulsion that will be used immediately be prepared from the concentrate. Wash off outside of container of concentrate in running water before storing away.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flames.

**DIRECTIONS FOR USE**

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

**RE-ENTRY STATEMENT**

Do not enter any treated structure until it has been aired thoroughly.

**HOUSEHOLD PEST CONTROL**

Do not use in the edible product areas of food processing plants, restaurants or other areas where food is commercially processed or prepared. Do not use in serving areas while food is exposed.

**STORAGE AND DISPOSAL**

**Prohibitions:** Do not contaminate water, food or feed by storage or disposal. **Pesticide Disposal:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**Container Disposal:** Metal (all sizes) Rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

**NOTE TO PHYSICIAN AND ANTIDOTE STATEMENTS**

**WARNING SYMPTOMS:** Symptoms include weakness, headaches, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

**ANTIDOTE AND FIRST AID TREATMENT** Atropine is the emergency antidote for DDVP insecticide poisoning. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

**TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation if there are signs of parasympathetic stimulation. Atropine sulfate should be injected at 10 minute intervals, in doses of 1 to 2 mgs. until complete Atropinization has occurred. 1-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contra-indicated. Clear chest of postural drainage.

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 allowed, as determined by blood test.

MACCO

**DDVP**  
**20% E.C.**

**ONLY FOR SALE TO, USE AND STORAGE  
BY COMMERCIAL APPLICATORS**

**ACTIVE INGREDIENTS:**

Aromatic Petroleum Derivatives . . . . . 73.0  
2,2-Dichlorovinyl dimethyl phosphate . . . . . 18.6%

Related Compounds . . . . . 1.4%

**INERT INGREDIENTS:** . . . . . 7.0%

100.00%



**KEEP OUT OF REACH OF CHILDREN**

**POISON  
DANGER**



**STATEMENT OF PRACTICAL TREATMENT**

**If swallowed-**

Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person."

**If inhaled-** Remove victim to fresh air. Apply respiration if indicated.

**If on skin-** Wash immediately with soap and water

**If in eyes-** Flush eyes for at least 15 minutes with water. Call a physician immediately

SEE NOTE TO PHYSICIAN AND ANTIDOTE STATEMENT  
See side and back panels for additional precautionary statement

NET CONTENTS

GALLONS (        )        Liters)

EPA Reg. No. 36480-22

EPA Est. No.

Manufactured by:

MACCO

**MID AMERICA CHEMICAL CO., INC.**  
**402 South Fifth Street**  
**Leavenworth, Kansas 66048**

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USE INSTRUCTIONS  
TO BE APPLIED BY PEST CONTROL OPERATORS OR TRAINED  
PERSONNEL ONLY

Outdoor living areas, picnic grounds, backyard area, patios, loading docks,  
outdoor latrines, parking area, refuse areas around Service Stations,  
open-air Drive-ins, Ice Cream Stands, garbage collection and disposal  
areas

Apply as a 0.5% spray to control flies, gnats, mosquitoes and other small  
flying insects. To prepare a 0.5% spray, dilute 1 pint of this concentrate with  
6 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1,000  
square feet. Do not treat animals or humans. Do not contaminate water,  
food, food containers or cooking utensils. Repeat as needed.

Apply as a 1% to 3% fog or mist solution to control flies, mosquitoes, wasps,  
gnats and other small flying insects in outdoor areas.  
To prepare a 1% fogging or misting solution, dilute 1 quart of concentrate  
with 6 gallons of water. For a 1% oil solution, dilute 1 quart with 7 gallons of  
oil.

**Manure piles, Garbage dumps:** For the control of fly maggots in maggot  
breeding areas, apply at the rate of 1 to 2 quarts of 0.52 spray per 100 square  
feet (1 quart of 1%).

**Dog Kennels:** Apply to outside dog runways, window sills and ledges at a rate  
of 1 quart or 0.5% spray per 1,000 square feet. For the control of fleas and  
brown dog ticks, increase dosage to 2 quarts of a 0.5% spray per 1,000  
square feet

**Outdoor areas:** For the control of flies, gnats, mosquitoes, ants, fleas, brown  
dog ticks, apply with fogging apparatus or mist blowers at the rate of 5-10  
pints of 1% fogging solution per acre. Do not treat areas where food or feed  
crops are growing

**Food Processing Plants, Industrial Plants, Theaters, Warehouses, Non-Food  
Areas** Space Spray only for the control of flies, gnats, mosquitoes,  
apply with fogging or misting equipment at the rate of 1 gallon of 1%  
fogging solution per 64,000 cubic feet. Apply when plants are not in  
operation. Occupants should vacate before indoor treatments, and  
should not re-occupy the premises until they have been ventilated.  
Food should be removed or covered during treatment. All food  
processing surfaces should be covered during treatment or thoroughly  
cleaned before using.

After application, open several windows or doors, to create air currents  
to insure reduction of DDVP insecticide vapors. During fogging or mist  
spray indoors, use a make or respirator of a type passed by the U.S.  
Bureau of Mines for DDVP insecticide protection.

Treatment should be made during the hours when buildings are unoccupied  
Buildings treated should be closed and ventilation kept at a minimum during  
application of the insecticide. Lock all entrances and do not allow  
unprotected workers to enter buildings while being treated

Place Caution Signs at all entrances stating "Building should be opened  
and closed prior to re-entry of unprotected workers. Do not enter prior to  
unprotected workers for at least 6 hours after treatment. Do not enter prior to  
(date) without protection. Repeat  
treatment at weekly intervals during season of peak insect activity for  
control of flies."

NOV 29 1982

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

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED