

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

**NOTE TO PHYSICIAN**

**SYMPTOMS:** Weakness, headache, lightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

**TREATMENT:** Absorption is the specific therapeutic agent 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 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-Pam) is also antidotal and may be administered in conjunction with atropine. In adults, and initial dose of 1 gram of 2-Pam should be injected, preferably in a solution in 250 cc of saline over a 15 to 30 minute period. If this is not practical, 2-Pam may be administered slowly by intravenous infusion at a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-Pam will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-Pam is 0.25 gram. Morphine is an improper treatment. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may further worsen since prolonged susceptibility to very small doses or any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
 Danger: Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Repeated inhalation or skin contact may, without symptoms progressively increase susceptibility to dithionite poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapor. Do not contaminate food or food products.

**PERSONAL PROTECTIVE EQUIPMENT\*\* (PPE) STATEMENTS**

Some materials that are chemical resistant to this product are listed below. If you wear more options follow the instructions of category "C" on an EPA chemical resistance category selection chart in the Worker Protection Standard. Applicators and other handlers must wear: (1) Corollas over long-sleeved shirt and long pants. (2) Chemical-resistant gloves such as Butyl Rubber, Latex, Nitrile, Neoprene Rubber, Polyvinyl Chloride or Viton. (3) Chemical-resistant footwear that works. (4) Protective eye wear. (5) Chemical-resistant headgear for overhead exposure. (6) Chemical-resistant apron required for mixing, loading and cleaning equipment. (7) Respirator with either an organic vapor removing cartridge with a filter approved for pesticides (MSHA/NIOSH approval number prefix TC-252C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14Q). Do not touch skin and other absorption materials that have been drenched or heavily contaminated with this product concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS**

This product is toxic to birds, fish and aquatic invertebrates. 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 sewerage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Keep away from heat or open flame.

**DIRECTIONS FOR USE**

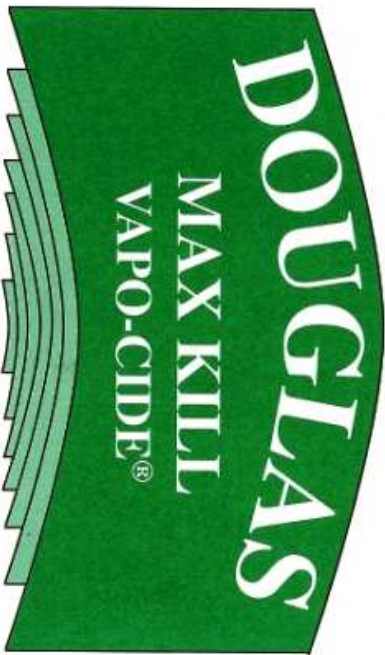
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.  
**STORAGE:** Store in dry, well ventilated, locked room away from heat or open flame. Post as pesticide storage area. Keep container closed when not in use. Store only in the original labeled containers.  
**RIEFLIN HANDLING:** Handle carefully to prevent damage and leakage. Open drums only when set on end and under a vented hood. Uncover drums slowly to release internal pressure.  
**RESTRICTED DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or residue 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:** Metal - 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. Plastic - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If allowed by state and local authorities, containers may be burned. If burned, avoid smoke contact or inhalation.

**GENERAL:** Consult Federal, state and local disposal authorities for approved procedures other than those given above.

**EQUIVALENT METHOD TO TRIPLE RINSING:** \*Triple drums as completely as possible. Remove the bung and place drums upside down until liquid has evaporated. \*Not approved in California.



**FOR COMMERCIAL OR INDUSTRIAL USE ONLY**

**FOR USE IN**

- WAREHOUSES
- RAILROAD CARS,
- STATIONARY TRUCKS,
- FLOUR MILLS, GRAIN MILLS, RICE MILLS,
- GRAIN HANDLING FACILITIES AND OTHER FOOD PROCESSING PLANTS

**ACTIVE INGREDIENTS:**

Dichloro (2,2-dichlorovinyl) dimethyl phosphate\* ..... 4.65%

Related Compounds..... 0.35%

**INERT INGREDIENTS\*\***

TOTAL..... 95.00%

..... 100.00%

\*Equivalent to 5% DDVP Insecticide \*\*Contains xylene range solvent

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - POISON**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** DO NOT INDUCE VOMITING. Seek medical aid. Aspiration of product into lungs due to vomiting can cause chemical pneumonia which can be fatal. Emergency medical personnel should remove poison by gastric lavage. Treat convulsions and respiratory difficulty with artificial respiration and oxygen. Emergency medical personnel should administer antidote as indicated.

**IF INHALED:** Move victim to fresh air. Establish and maintain airway. Treat convulsions and respiratory difficulty with artificial respiration and oxygen. Emergency medical personnel should administer antidote as indicated.

**IF ON SKIN:** Immediately remove contaminated clothing and wash skin with soap and plenty of water. Place in closed containers until laundered. Inform family of hazardous poisons. If irritation persists, get medical attention. Treat respiratory difficulty with artificial respiration and oxygen. Emergency medical personnel should administer antidote as indicated.

**IF IN EYES:** Flush eyes with plenty of water. If symptoms of poisoning occur, treat as for inhalation exposure.

**SEE LEFT PANEL FOR NOTE TO PHYSICIAN AND TREATMENT INSTRUCTIONS.**

**SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**



**DOUGLAS PRODUCTS & PACKAGING**  
 Liberty, Missouri 64068

EPA Reg. No. 10175-68  
 Net Contents  
 EPA Reg. No. 1015-MD-1  
 Gallon

For use in warehouses, silos, bulk bins, food processing and food manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food commodities, or bulk raw or processed food commodities.

The term "non-perishable" means any raw or processed food or feed not subject to rapid decay or deterioration that would render it unfit for consumption. Raw commodities include but are not limited to animal feeds, cereal grains, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include eggs, milk, meat, poultry, fish and fresh fruits and vegetables. Processed food and feeds include food and feed ingredients, mixed fractions of listed raw commodities, flour, sugar, cereals, packaged goods and confections. Processed foods do not include hermetically sealed foods or manufactured dairy products and other processed foods requiring freezing or refrigeration.

**FOG OR ULV SPACE SPRAY - FOOD AND NON-FOOD AREAS:** Vapo-Cide may be used in listed sites for the control of the exposed stages of most species of stored-product insects (i.e., rice weevils, granary weevils, confused flour beetles, saw-tooth grain beetles, cigarette beetles, Indian meal moths and cow bean moths).

**Apply as a fog or ULV spray at a rate of 1-2 grams of dichloro (54 to 1-1/2 fl. oz.) per 1,000 cu. ft.**

When using in food processing, food manufacturing, handling and storage areas:  
 (1) Apply only during times when plant is not in operation and no processed foods or food products are exposed. If bulk, unpackaged, processed foods or feeds are exposed, remove or cover before treatment begins.  
 (2) All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

The space above uncovered, non-perishable raw agricultural commodities may be treated. Use only the volume above the commodity when calculating the space to be treated.

**NOTE: Use is Allowed Only in Non Food Areas Of The Following Plants.**

Bartling plants, frozen food plants, meat, poultry and seafood slaughtering and/or packing plants and dairy product plants.  
 Non-fooded area of food/feed areas are areas such as garbage rooms, lavatories, floor drains (to sewers) and vestibules/offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after cleaning or hosing).

All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unpermitted workers to enter buildings during treatment. Place DANGER signs at all entrances stating "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS."

**THIS BUILDING AND ENCLOSED AREAS MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS.**

Keep a minimum of a 7 day interval between applications except on cocoa beans, and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams A.I. per 1,000 cubic feet of head space.

**Do not make applications when temperatures are below 60 degrees F.**

**INSTRUCTIONS FOR APPLICATION OF DILUTIONS (NON FOOD AREAS ONLY)**

**SPACE AND CONTACT SPRAY:** Dilute to 1-3% with an approved solvent and apply at the rate of 1 gal. of spray per 64,000 cu. ft. in 8-10 reaches, 4-foot high, fans, washings, curtains, mats and splats in adjacent situations. Adjust a ULV or fogger spraying device to a coarse spray. Contact as many of the insects with the spray as possible. Thoroughly spray all parts of the room suspected of harboring these insects. Then adjust the spraying device to deliver a fine spray for use as a space spray. Repeat treatment as necessary.

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed, in serving areas while food/feed is exposed or facility is in operation.

**CONTACT SPRAY ONLY:** Dilute to 1% and spray 1 pint per 1,000 sq. ft. of floor space.