

Solubility Not available.

Section 4. First Aid Measures

Eye contact FLUSH IMMEDIATELY WITH RUNNING WATER holding eyelids apart to ensure flushing of the entire eye surface. Washing eyes within one minute is essential to achieve maximum effectiveness. SEEK IMMEDIATE MEDICAL ATTENTION if irritation persists.

Skin contact Wash contaminated skin with soap and water IMMEDIATELY. Remove contaminated clothing and footwear immediately. Discard footwear and clothing which cannot be decontaminated. SEEK IMMEDIATE MEDICAL ATTENTION if irritation persists.

Slight inhalation Remove person from contaminated area to fresh air. Resuscitate and/or administer oxygen as necessary. Seek medical attention. Seek medical attention.

Slight ingestion If swallowed, call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision as product contains a cholinesterase inhibitor and petroleum-based solvent. If conscious, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth if person is unconscious.

NOTES TO PHYSICIAN: This product contains a cholinesterase inhibitor, a petroleum-based solvent and phenol. The active ingredients are organophosphates and inactivate both plasma and RBC cholinesterase. Atropine sulfate by injection is antidotal and may be administered in conjunction with 2-PAM (Pralidoxime chloride). Contraindicated are substances such as morphine, adrenaline or tranquilizers. Gastric lavage is recommended over induction of vomiting due to enhanced risk of chemically-induced pneumonia resulting from aspiration of petroleum-based solvent.

Section 5. Fire and Explosion Data

The product is: Flammable.

Auto-ignition temperature Not available.

Fire degradation products With sufficient heat or burning, toxic and/or noxious vapors may be emitted. Treat as flammable liquid.

Flash points OPEN CUP: 33.8°C (92.8°F).

Flammable limits Not available.

Fire extinguishing procedures SMALL FIRE: Use DRY chemicals, CO₂, alcohol foam or water spray.
LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. SPECIAL FIRE FIGHTING PROCEDURES: Recommend pressure-demand, self-contained breathing apparatus (SCBA). Wear full protective equipment.

Flammability Flammable.

Risks of explosion Risks of explosion of the product in presence of mechanical impact: Not available.
Risks of explosion of the product in presence of static discharge: Not available.
No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

Section 6. Reactivity Data

Stability	The product is stable.
Hazardous Decomposition Products	Products of combustion may be inorganic acids, phosphorus compounds and chlorinated organic compounds.
Degradability	Not available.
Products of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Not available.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.

Section 7. Toxicological Properties



Routes of entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
TLV	Not available.
Toxicity to animals	Not applicable
Chronic effects on humans	<p>Causes lowered cholinesterase levels increasing vulnerability to cholinesterase depression. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to organophosphate insecticide poisoning. Chronic poisoning can cause damage to kidneys or liver and may be fatal.</p> <p>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing conditions which lower cholinesterase levels increase vulnerability to cholinesterase depression such as (for plasma) genetic cholinesterase deficiency, advanced liver disease, chronic alcoholism, malnutrition, dermatomyositis, and (for RBC) hemolytic anemias. The substance is toxic to eyes. Repeated or prolonged exposure to the substance can produce target organs damage.</p> <p>California prop 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: dichlorvos</p>
Acute effects on humans	Can cause eye damage. Poisonous if swallowed, absorbed through skin or eyes. Harmful if inhaled. May produce acute cholinesterase depression. Signs and symptoms of overexposure include burning of skin and mouth, headache, nausea, vomiting, diarrhea, abdominal cramps, excessive sweating, salivation, tearing, constricted pupils, blurred vision, tightness in chest, weakness, muscle twitching and confusion. In extreme cases of exposure, unconsciousness, convulsions and severe respiratory depression may occur.

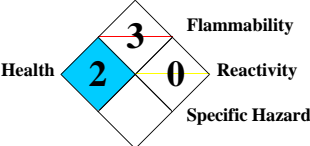
Section 8. Preventive Measures

Waste information	Pesticide wastes are toxic. 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 approved State and local procedures.
Waste stream	Not available.
Storage	Do not contaminate water, food or feed by storage or disposal. Store in original container only. Do not use or store near heat or open flame. Store at temperatures above 32 °F. Do not store above 120 °F for an extended period of time. Not for storage in or around the home.
Precautions	Wash thoroughly after using and before smoking or eating. Toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.
Small spill and leak	CERCLA Reportable Quantity DDVP - 10 lbs RQ. Avoid any contact. Keep people away. Wear impervious, protective clothing and respirator. Notify State and Federal agencies according to Spill Plan. Dike area. Absorb material with clay, sand or other absorbent materials. Neutralize residue with alkaline solution and adhere to recommended disposal procedure.
Large spill and leak	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition.
Protective Clothing	Splash goggles. Full suit. NIOSH approved respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product.


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Section 9. Classification

DOT	DOT CLASS 3: Flammable liquid, N.O.S., (Contains Xylene),3, UN1993, PGIII, Ltd. Qty.	
	No additional information.	
Maritime transportation	Not available.	
HCS	HCS CLASS: Flammable liquid IC having a flash point between 22.8°C (73°F) and 37.8°C (100°F) and a boiling point lower than 37.8°C (100°F).	
Federal and State Regulations	No additional information	

HMIS (U.S.A.)	Health	*	2	National Fire Protection Association (U.S.A.)	
	Flammability		3		
	Reactivity		0		
	Personal Protection		I		

Section 10. Protective Measures

Protective Clothing	Splash goggles. Vapor respirator. Gloves (impervious).	
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.	

Section 11. Other Information

References	Not available.
No additional remark.	

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