

**Material
Safety
Data
Sheet**
Hi-Yield® Dylox® 6.2 Granular
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Name: Voluntary Purchasing Groups, Inc.	Box 460, Bonham, TX 75418
Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)	
For Additional Information Contact: Product Manager or Chemtrec	Date Prepared: 03-14-03
Common Name (Used on Label): Hi-Yield® Dylox® 6.2 Granular	Chemical Family: Organophosphorous Insecticide
Chemical Name: Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate	Formula: C4 H8 C13 O4 P
Trade Name & Synonyms: Hi-Yield® Dylox® 6.2 Granular EPA # 3125-406-7401	

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Dylox® (Trichlorofon)	52-68-6	6.2	Not established	Not established

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

SECTION 3 - PHYSICAL DATA

BOILING POINT (°F) Not applicable	SPECIFIC GRAVITY (H ₂ O=1) Not applicable	VAPOR PRESSURE (mm Hg) 1.6x10 ⁻⁶ mm Hg @ 20 C
PERCENT VOLATILE BY VOLUME (%) Not established	VAPOR DENSITY (AIR=1) Not established	EVAPORATION RATE (ethyl ether=1) Not established
SOLUBILITY IN WATER 9% at 20 C	REACTIVITY IN WATER Will not evolve flammable or toxic gases	
APPEARANCE AND ODOR Tan; no odor		

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (°F) Not established	FLAMMABLE LIMITS IN AIR (% by volume) Lower: <u>Not established</u> Upper: <u>Not established</u>	
EXTINGUISHING MEDIA Water	AUTO IGNITION TEMPERATURE Not determined	
UNUSUAL FIRE AND EXPLOSION HAZARDS None		
SPECIAL FIRE FIGHTING PROCEDURES If involved in a fire, stay upwind and wear self-contained breathing apparatus.		

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SECTION 5 - HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS Inhalation, skin and eye contact.		
SIGNS AND SYMPTOMS OF EXPOSURE		
(1) ACUTE OVEREXPOSURE Inhalation, dermal absorption or ingestion, may result in nausea, increased salivation, lacrimation, blurred vision, constricted pupils, tightness of chest, wheezing, laryngeal spasms, weakness, muscle twitching, confusion, ataxia, slurred speech, convulsions, low blood pressure, cardiac irregularities, loss of reflexes and coma. Also it may produce symptoms of vomiting, diarrhea, abdominal cramping, dizziness, and sweating.		
(2) CHRONIC OVEREXPOSURE Cholinesterase inhibition may persist causing malaise, weakness, and anorexia.		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE None determined		
CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN None		
NTP <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IARC <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OSHA <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
OTHER EXPOSURE LIMITS None		
EMERGENCY AND FIRST AID PROCEDURES EYE AND SKIN CONTACT: Hold eyelids open and immediately flush with plenty of water for 15 minutes. Call a physician if irritation persists. Wash affected areas of skin with plenty of soap and water. Get medical attention if irritation persists. INHALATION: First remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. INGESTION: Call a physician or poison control center. Induce vomiting and get to a hospital. To induce vomiting, administer one or two glasses of water and stick finger down throat. Repeat until vomit is clear. Do not attempt to give anything by mouth to or induce vomiting in an unconscious or convulsing person. NOTE TO PHYSICIAN: Administer atropine in large therapeutic doses. 2-PAM is also antidote and may be administered in conjunction with atropine.		

SECTION 6 - REACTIVITY DATA

STABILITY <input checked="" type="checkbox"/> Unstable <input type="checkbox"/> Stable	CONDITIONS TO AVOID Temperatures above 100F.
INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents.	
HAZARDOUS DECOMPOSITION PRODUCTS CO,P2O5,DDVP,HC1	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not occur	CONDITIONS TO AVOID None

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED Isolate area and keep unauthorized people away. Do not walk through spilled materials. Avoid breathing dusts and skin contact. Avoid generating dust. Wear proper protective equipment. Carefully sweep up spilled materials. Place in a covered container for reuse or disposal. Scrub contaminated area with detergent and bleach solution. Rinse with water. Do not allow material to enter streams, sewers, or other waterways or contact vegetation.
WASTE DISPOSAL METHOD Dispose of in accordance with Federal, State, and local regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION**RESPIRATORY PROTECTION**

Wear a respirator approved for pesticides by NIOSH.

VENTILATION

Control exposure levels through the use of general and local exhaust ventilation.

PROTECTIVE GLOVES

Wear latex or neoprene gloves.

EYE PROTECTION

Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use additional protective clothing including chemical resistant boots and coveralls when needed to prevent dermal exposure.

SECTION 9 - SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING**

Store in a cool; dry area designated specifically for pesticides. Do not store any material intended for use or consumption by human or animals.

OTHER PRECAUTIONS

None

SECTION 10 - OTHER INFORMATION

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.