

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

<b>IDENTITY</b> (As Used on Label and List) POOL TROL 60% NON-FOAMING ALGAECIDE	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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**Section I**

Manufacturer's Name <b>QUALCO, INC.</b>	Telephone Number for Information <b>(973) 473-1222</b>
Address (Number, Street, City, State and ZIP Code) <b>225 PASSAIC STREET</b>	Emergency Telephone Number <b>(973) 473-1222 OR (CHEMTREC) 1-800-424-9300</b>
<b>PASSAIC, NJ 07055</b>	Date Prepared <b>MAY 2003</b>
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
POLY [OXYETHYLENE (DIMETHYLIMINIO) ETHYLENE	NOT EST.	NOT EST.		
(DIMETHYLIMINIO) ETHYLENE DICHLORIDE]	ORAL LD50: 3.7 G/KG			
(CAS #31075-24-8) (WSCP)	DERMAL LD 50: > 2G/KG			
	INHAL. LD 50: > 26.4 MG/LITER			

MATERIAL CONSIDERED CORROSIVE AND SKIN AND SEVERE EYE IRRITANT

IRRITANT TO EYES, PRODUCES MINIMAL REVERSIBLE EFFECTS IN FORM OF ERYTHEMA, CHEMOSIS, AND

DISCHARGE

DOT: N/A

EPA REGISTERED PESTICIDE 3525-117

**Section III — Physical/Chemical Characteristics**

Boiling Point	~ 215°F	Specific Gravity (H <sub>2</sub> O = 1) BULK DENSITY	> 1
Vapor Pressure (mm Hg.)	NOT EST.	Melting Point	DECOMPOSES @ N/A
Vapor Density (AIR = 1)	= 1	Evaporation Rate (Butyl Acetate = 1)	> 1

Solubility in Water COMPLETE pH: ~ 6.0

Appearance and Odor SLIGHTLY VISCOUS LIQUID, STRAW YELLOW TO BROWN IN COLOR WITH SLIGHT ODOR

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits NON-FLAMMABLE	LEL N/A	UEL N/A
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Extinguishing Media N/A

Special Fire Fighting Procedures NONE

Unusual Fire and Explosion Hazards NONE

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid NONE KNOWN
	Stable	X	

Incompatibility (*Materials to Avoid*) NONE KNOWN

Hazardous Decomposition of Byproducts NONE KNOWN

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

Route(s) of Entry:	Inhalation? NO	Skin? YES	Ingestion? YES
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Health Hazards (*Acute and Chronic*) ACUTE: IRRITATING TO EYES, WITH REVERSIBLE MINIMAL EFFECTS; ERYTHEMA, CHEMOSIS.

CHRONIC: NONE KNOWN

Carcinogenicity	N/A	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
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Signs and Symptoms of Exposure EYES &amp; SKIN: IRRITATION, REDNESS, EYE TEARING.

INGESTION: GI DISCOMFORT, NAUSEA, VOMITING.

Medical Conditions

AGGRAVATION DUE TO IRRITANT NATURE OF PRODUCT.

Emergency, and First Aid Procedures EYES &amp; SKIN: FLUSH WITH WATER FOR 15 MINUTES. FOR EYES, OR PERSISTENT SKIN IRRITATION, SEE PHYSICIAN. INHALATION: MOVE TO FRESH AIR.

INGESTION: IF CONSCIOUS DRINK LARGE QUANTITIES OF WATER OR MILK. INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. CALL PHYSICIAN IMMEDIATELY.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled  
WEAR PROTECTIVE GEAR. CONTAIN SPILL BY USE OF INERT MATERIAL SUCH AS DIRT OR ABSORBANT PADS. PLACE IN CONTAINER FOR DISPOSAL. FLUSH REMAINING RESIDUE WITH LARGE AMOUNTS OF WATER TO SEWER SYSTEM IF PERMITTED. DO NOT RELEASE TO WATERWAYS. TOXIC TO FISH AND AQUATIC LIFE.

Waste Disposal Method  
COMBINE WITH LARGE AMOUNTS OF WATER AND FLUSH TO SEWER SYSTEM IF PERMITTED BY LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT RELEASE TO WATERWAYS AND STREAMS.

Precautions to Be Taken in Handling and Storing  
STORE IN A COOL, DRY, WELL VENTILATED AREA. WEAR PROPER PROTECTIVE GEAR TO AVOID UNNECESSARY CONTACT WITH PRODUCT.

Other Precautions  
KEEP AWAY FROM CHILDREN AND INACCESSIBLE TO PERSONS UNFAMILIAR WITH ITS USE.  
USE PRODUCT ONLY AS DIRECTED. HANDLE WITH CARE.

**Section VIII — Control Measures**

Respiratory Protection (*Specify Type*)  
NOT NECESSARY UNDER NORMAL USE CONDITIONS.

Ventilation	Local Exhaust ADEQUATE	Special
	Mechanical ( <i>General</i> )	Other

Protective Gloves RUBBER

Eye Protection DO NOT WEAR CONTACT LENSES.

Other Protective Clothing or Equipment EYE WASH &amp; SAFETY SHOWER IN WORK/STORAGE AREAS. UNIFORM OR COVERALLS, OR LABCOAT OR SIMILAR TO MINIMIZE CONTACT WITH PRODUCT.

Work/Hygienic Practices REMOVE CONTAMINATED CLOTHING &amp; LAUNDRER BEFORE REUSE. WASH WELL AFTER USE AND OBSERVE GOOD, PERSONAL HYGIENE.