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PHOENIX PRODUCTS CO.  
55 Container Drive  
Terryville, CT 06786  
(860) 589-7502  
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PRODUCT NAME: POLY 60

MATERIAL  
SAFETY DATA SHEET  
rev.1/10/05  
11/1/01  
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**SECTION I - IDENTIFICATION**

**CHEMICAL NAME & SYNONYMS:** Poly (oxyethylene (dimethyliminio) ethylene - (dimethyliminio) ethylene chloride). 60% by weight  
**TRADE NAME:** POLY 60 ALGAECIDE  
**DESCRIPTION:** Clear brown liquid having a slight odor.  
**CAS NO.** 31075-24-8  
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**SECTION II - PHYSICAL DATA**

**Boiling Point:** > 212°F  
**Specific Gravity (H<sub>2</sub>O=1):** 1.15  
**Solubility in water:** Completely miscible in water.  
**Freezing Point:** N/A  
**pH (neat):** 4-7  
**pH (100ppm in water):** 6-7  
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**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N/A  
**Flammable Limits in Air % By Volume:** N/A  
**Extinguishing Media:** Water fog, Carbon dioxide, foam, dry chemical.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
**Autoignition Temp:** N/A  
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**SECTION IV - HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**  
Irritating to eyes, produces minimal effects in the form of erythema, chemosis, and discharge. Will not cause skin irritation.  
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**SECTION V - EMERGENCY AND FIRST AID PROCEDURE**

**INHALATION:** Remove to fresh air.  
**SKIN:** Wash with soap and water. See physician if irritation occurs. Remove and wash contaminated clothing.  
**EYE:** Flush with clean, cool water for at least 15 minutes. Consult a physician if irritation occurs..  
**INGESTION:** N/A  
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**SECTION VI - TOXICOLOGY**

**Oral LD50(rat):** 3.7g/kg  
**Skin Absorption LD50 (rabbit):** >2g/kg  
**Inhalation LC50:** >26.4mg/L  
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**SECTION VII - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to Avoid:** None  
**Incompatibility (materials to avoid):** None  
**Hazardous Decomposition:** None  
**Hazardous Polymerization:** Will not occur.  
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**SECTION VIII - SPILL, LEAKAGE & DISPOSAL PROCEDURES**

**Steps to take if material leaks or spills:** LARGE SPILLS: Dam area to prevent spill from entering fish-bearing waters. Pump into appropriate containers. Dispose off as below. SMALL SPILLS: Flush liquid to sewer with copious amounts of water.

**Waste disposal method:** Product is NOT a hazardous waste. It can be disposed of in any approved landfill. Offer container for recycling or triple rinse and dispose of in an approved landfill. Comply with all Federal, State and Local regulations.

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**CHEMICAL NAME:**  
(oxyethylene (dimenthyliminio) ethylene -  
(dimethyliminio) ethylene chloride). 60% by weight

**TRADE NAME:** Poly 60 algaecide

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**SECTION IX - SPECIAL PROTECTION DATA**

**Ventilation:** N/A

**Eye Protection:** Use safety glasses or goggles.

**Respiratory Protection:** Not necessary.

**Protective Gloves:** Use rubber gloves.

**Other Equipment:** Eye wash fountain should be located near work area.

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**SECTION X - SPECIAL PRECAUTIONS DATA**

**Handling and Storage:** Avoid unnecessary contact with eyes, skin or clothing. Store protected from low temperatures. keep container closed when not in use.

**Other:** None.

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**SECTION XI - TRANSPORTATION INFORMATION**

This material is not a hazardous material and is not regulated by the D.O.T.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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THE PHOENIX PRODUCTS COMPANY

55 Container Drive

Terryville, CT 06786

24 HOUR EMERGENCY PHONE: Professional Emergency Resource Services 800-633-8253