



Section 1 - Identification

Product Name: ED Algicide
Alternate Name: ED Algicide (internal# CPL4071)
Recommended Use: Biocide / biodispersant
Manufacturer: Chem Pro Laboratory, Inc., 941 W 190th St, Gardena CA 90248, 310-532-8611
ChemTrec: 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

WARNING



Harmful if swallowed
Causes skin irritation
Causes eye irritation

Do not eat, drink or smoke when using this product.

Wash contacted areas thoroughly after handling.

Wear protective gloves.

IF EYE IRRITATION PERSISTS: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

IF SKIN IRRITATION OCCURS: Get medical advice/attention.

IF SWALLOWED: Immediately call a poison center or doctor.

Dispose of contents/container in accordance with federal, state, and local regulations.

Section 3 - Composition/information on ingredients

Chemical Name	CAS Number	Percent
poly[oxyethylene(dimethyliminio)ethylene(dimethyleneiminio)ethylene dichoride]	31512-74-0	20-30%

Section 4 - First-aid measures

Emergency and First Aid Procedures:

Inhalation Remove to fresh air.
Eye Contact Flush with clean, cool water for 15 minutes. See physician if irritation occurs.
Skin Contact Wash with soap and water. See a physician if irritation occurs. Remove and wash contaminated clothing.
Ingestion Give large quantities of water. Do not induce vomiting. Seek medical attention immediately.

Symptoms of Overexposure:

Inhalation No data for human exposure. LC50 > 2.6 mg/l (rat)
Contact with Skin or Eyes Irritating to eyes, not to skin.



Absorption Through Skin Not absorbed - not irritating to the skin. Dermal LD50 >2 g/kg (rat)
Ingestion No data for human exposure. LC50 > 3.7 mg/l (rat).

Section 5 - Fire-fighting measures

Extinguishing Media water spray, carbon dioxide, dry chemical, or appropriate foam
Fire Fighting Procedure None
Unusual Fire/Explosion Hazard None
Hazardous Combustion Products Oxides of carbon

Section 6 - Accidental release measures

Spill Response Procedure Small spills: flush liquid to sewer with copious amounts of water. Large spills: contain large spills. Collect in appropriate containers. Dispose of as below.

Section 7 - Handling and storage

Handling Precautions EPA Reg No. 1448-212-35571 TSCA Inventory: All components are included in the inventory.
Storage Conditions Store in a cool dry place. Keep container tightly sealed in a dry and ventilated area. Do not store unopened containers in direct sunlight for extended periods.

Section 8 - Exposure controls/personal protection

Chemical Name	OSHA PEL	ACGIH TLV
poly[oxyethylene(dimethyliminio)ethylene(dimethyleneiminio)ethylene dichloride]	not listed	not listed
Ventilation	Local and mechanical (general) exhaust required.	
Respiratory Protection	Not necessary under normal use conditions.	
Protective Gloves	Rubber gloves.	
Eye Protection	Safety goggles or safety glasses.	
Other Protective Equipment	Impermeable boots and apron recommended.	
Work / Hygienic Practices	Protect containers from extreme temperatures.	

Section 9 - Physical and chemical properties

Appearance	Clear brown liquid	Vapor Pressure @20°C	N/A
Odor	Slight amine odor	Vapor Density	N/A
Odor Threshold	Not Determined	Specific Gravity	1.05-1.10
pH	4.0-7.0	Solubility in Water	100%
Melting Point, °F	N/A	Partition Coefficient	Not Determined
Boiling Point, °F	Above 212 deg F	Auto Ignition Temp, °F	N/A
Flash Point, °F	>200 deg F	Decomposition Temp, °F	Not Determined
Evaporation Rate	1	Viscosity	Not Determined
Flammability Limits	N/A	Percent Volatile	N/A



Section 10 - Stability and reactivity

Reactivity not reactive in water
Stability stable under normal conditions
Conditions to Avoid None
Incompatible Materials None known
Hazardous Decomposition Products None
Hazardous Polymerization Hazardous polymerization will not occur.

Section 11 - Toxicological information

Routes of Entry inhalation, skin or eye contact, ingestion
Acute Exposure Symptoms Low single dose toxicity LD50=3.7 g/kg
Chronic Exposure Effects Not Listed
Medical Conditions Aggravated By Exposure None

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
poly[oxyethylene(dimethyliminio)ethylene(dimethyle neiminio)ethylene dichloride]	31512-74-0	1951 mg/kg	>2000 mg/kg	2.9 mg/L

Carcinogenicity:

Ingredients are on the following lists of suspected or known carcinogens:

Chemical Name	CAS Number:	IARC	NTP	OSHA
poly[oxyethylene(dimethyliminio)ethylene(dimethyleneiminio) ethylene dichloride]	31512-74-0	No	No	No

Section 12 - Ecological information

Overview: No data

Section 13 - Disposal considerations

Preparing Waste For Disposal Product is not a hazardous waste. It can be disposed of in any approved landfill.

Section 14 - Transport information

DOT Shipping Not DOT Regulated

Section 15 - Regulatory information

California Proposition 65 This product does not contain chemicals listed by California proposition 65.
HMIS Ratings Health: 1, Flammability: 0, Reactivity: 0

Section 16 - Other information

Date Prepared 5/22/2015
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