

## Algicil (Poly) Algaecide

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Algicil (Poly) Algaecide  
**Synonyms:** Algacil, Pro-60, Pro Algaecide, Winter Algicide, Algaecide-60, Algaecide-30, Algaecide-20, Algaecide-15, Algaecide-10, Poly, Algae Control, Algae Destroyer, Pool Elegance Alg II, Prevent, Super Algae Out, April's Algaecide 60, Freedom Winterizing Algaecide, Riviera Algicide 60, National Pools Algae Out, Backyard Pro Algicide 60 & 30, Nature's Way Black Algae Destroyer, Algae Clear Gold, Nature's Way Instant Pro Algaecide, Nature's Way Algaecide  
**Common Name:** (Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride  
**SDS Number:** 10  
**Revision Date:** 3/20/2018  
**Version:** 1  
**CAS Number:** 31512-74-0  
**EPA Number:** 3432-42  
**Product Description:** Clear, pale yellow liquid  
**Product Use:** Algaecide  
**Instructions:** Only in the event of a transportation emergency involving spills, leaks, fires or accidents call Chemtrec at (800) 424-9300  
**Supplier Details:** N. Jonas & Co., Inc.  
4520 Adams Circle, P.O. Box 425  
Bensalem, PA 19020  
**Phone:** 215-639-8071

### 2 HAZARDS IDENTIFICATION

#### Classification of Substance

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 4 Oral  
Health, Serious Eye Damage/Eye Irritation, 1  
Health, Acute toxicity, 4 Inhalation

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H302 - Harmful if swallowed  
H318 - Causes serious eye damage  
H332 - Harmful if inhaled

**GHS Precautionary Statements:**

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P330 - Rinse mouth.  
P337 + P313 - If eye irritation persists: Get medical advice/attention.  
P338 - Remove contact lenses, if present and easy to do. Continue rinsing.  
P340 - Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...  
P351 - Rinse cautiously with water for several minutes.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

### 3 COMPOSITION/INFORMATION ON INGREDIENTS



## Algicil (Poly) Algaecide

Chemical Ingredients		
CAS#	%	Chemical Name
31512-74-0	10-60%	(Poly(oxyethylene(dimethylimino-ethylene(dimethyliminio)-ethylene dichloride

### 4 FIRST AID MEASURES

- Inhalation:** If exposure by inhalation is suspected, immediately move exposed person to fresh air. If individual experiences nausea, headache, dizziness, has difficulty in breathing or is cyanotic, seek a health care professional immediately
- Skin Contact:** In case of contact, wash skin with plenty of soap and water. If irritation develops, consult medical personnel.
- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Have eyes examined and treated by medical personnel.
- Ingestion:** Do not induce vomiting. Rinse with large amounts of water or milk, first irrigate the esophagus and dilute stomach contents by slowly giving 1 or 2 glasses of water or milk. Avoid giving alcohol or alcohol related products. In cases where the individual is semi-comatose, comatose or convulsing. Do not give fluids by mouth to an unconscious person

### 5 FIRE FIGHTING MEASURES

- Flammability:** Not applicable
- Flash Point:** Does not flash
- Flash Point Method:** Will not flash
- Burning Rate:** Not applicable
- Autoignition Temperature:** Not applicable

Prevent human exposure to fire, smoke, flames or products of combustion  
Use water fog, carbon dioxide, foam or dry chemical  
Self-contained breathing apparatus with full face piece and protective clothing  
Carbon monoxide may be formed upon burning

### 6 ACCIDENTAL RELEASE MEASURES

**Avoid skin and eye contact with liquid. Soak up material and shovel into a chemical waste container. Remove container from work area**

### 7 HANDLING AND STORAGE

- Handling Precautions:** Wear skin and eye protective equipment. Avoid breathing vapors or spray mists
- Storage Requirements:** Store in a cool, dry, well ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Use ventilation adequate to maintain safe levels. Provide eyewash station and safety shower in work area
- Personal Protective Equipment:** Use MSHA/NIOSH approved respirator for organic vapors, dusts and fumes whose TLV is greater than 0.05 mg/m<sup>3</sup>  
Wear appropriate protective equipment to prevent skin contact  
Wear protective eyewear to prevent contact with this substance.

**No ACGIH TLV or OSHA PEL assigned to this product.  
Minimize exposure in accordance with good hygiene practice.**



## Algicil (Poly) Algaecide

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, pale yellow liquid	<b>Percent Volatile:</b>	No data
<b>Specific Gravity or Density:</b>	1.13 - 1.16	<b>Vapor Density:</b>	No data
<b>Boiling Point:</b>	>100 deg. C. (>212 deg. F.)		
<b>Vapor Pressure:</b>	No data		
<b>Potentia Hydrogenii:</b>	7		

### 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Materials to Avoid:</b>	Anionic polymers
<b>Hazardous Decomposition:</b>	Carbon monoxide may form upon burning
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

(Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride cas#:(31512-74-0) [10-60%])

**Inhalation Tox:** Slightly hazardous in case of inhalation. Effects will depend upon concentration and length of time of exposure.

**Skin Contact:** Slightly hazardous in case of skin contact (irritant). Non- sensitizer for skin. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Eye Contact:** Slightly hazardous in case of eye contact (irritant).

**Ingestion Tox:** Ingestion is not expected to be a primary route of exposure.

Other effects of Overexposure :None known

**Note to Physician:** Not applicable

### 12 ECOLOGICAL INFORMATION

(Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride cas#:(31512-74-0) [10-60%])

This product is completely soluble in water. Do not contaminate water. Never pour unused product down the drain or on the ground.

### 13 DISPOSAL CONSIDERATIONS

(Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride cas#:(31512-74-0) [10-60%])

**Disposal Method:** If possible, use up product in accordance with label directions. Do not contaminate water. Never pour unused product down drain or on the ground.

## Algicil (Poly) Algacide

Container Disposal: If empty, do not reuse this container. Do not rinse unless required for recycling. Place in trash. If partly filled, call your solid waste agency for instructions. Unless otherwise instructed, place in trash. Never pour unused product down

### 14 TRANSPORT INFORMATION

Not regulated, ((Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride)

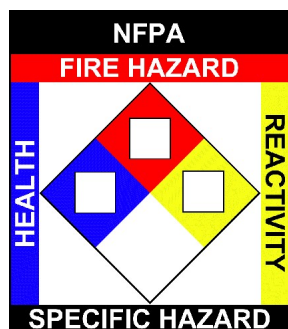
### 15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

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(Poly(oxyethylene(dimethylimino-ethylene (dimethyliminio)-ethylene dichloride (31512-74-0) [n/a%]

Regulatory CODE Descriptions  
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### 16 OTHER INFORMATION



HMIS	
HEALTH	<input checked="" type="checkbox"/>
FLAMMABILITY	<input type="checkbox"/>
PHYSICAL HAZARD	<input type="checkbox"/>
PERSONAL PROTECTION	<input type="checkbox"/>

PPE