

**MATERIAL SAFETY DATA SHEET**

**PRODUCT: Algaway 5.4**

**SECTION I: IDENTIFICATION**

Manufactures Name:	Ecological Laboratories, Inc.
Address:	2525 N.E. 9 <sup>th</sup> Avenue Cape Coral, FL 33909
Emergency Telephone:	(800)424-9300 (outside the U.S.A. (202) 483-7616 collect)
Information Telephone:	(800) 645-2976
EPA Reg. No.:	14802-8-74466
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**SECTION II: COMPOSITIONS/ INGREDIENTS**

<u>PRODUCT</u>	<u>CAS#</u>	<u>%</u>
Poly[oxyethylene(dimethyliminio)-ethylene(dimethyliminio)-ethylenedichloride]	31075-24-8	5.4

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

Specific Gravity	1.00
pH	5.0 – 7.0
Solubility in water:	Complete in water, incomplete or none in most solvents
Vapor Pressure (mm Hg):	n/d
Vapor Density:	n/d
Boiling Point:	> 100 °C
Biodegradability:	n/d
Freeze Point:	n/d
Evaporation rate:	n/d
Appearance / Odor:	Pale yellow with clarity, no solids, mild inoffensive odor

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Flash Point (method used):	none
Flammable Limits:	LEL n/d UEL n/d
Extinguishing Media:	Water, foam, carbon dioxide, or dry chemical
Special Firefighting Procedures:	none
Unusual Fire and Explosion Hazard:	none known

**SECTION V: REACTIVITY DATA**

Stability:	stable
Conditions to Avoid:	none known
Incompatibility (materials to avoid):	anionic polymers
Hazardous Polymerization:	will not occur
Conditions to Avoid:	none known
Hazardous Decomposition Products:	not known, perhaps carbon monoxide upon burning

## SECTION VI: HEALTH HAZARD DATA

Acute Exposure:	Eye irritant, skin irritant, mucous membrane irritant ingestion not considered a normal route of exposure
Chronic Exposure:	effects not fully evaluated
Toxicology:	Acute Oral LD <sub>50</sub> (male rat) 1951 mg/Kg Acute Oral LD <sub>50</sub> (female rat) 2587 mg/Kg Acute Dermal LD <sub>50</sub> (rabbit) > 2000 mg/Kg Acute Inhalation LC <sub>50</sub> (rat) 2.9 ppm at 4 hours
Carcinogenic Potential:	Not shown as a carcinogen by OSHA, IARC, or NTP Not considered a carcinogen
Target Organs:	Upper respiratory tract, skin, eyes

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING, USE AND DISPOSAL

Eye-wash stations are recommended near area of use  
PPE for eyes and skin are strongly advised  
Contain/soak spill by using a proper absorbent and water  
Dispose of material in accordance with Federal, State, and Local regulations  
Store in moderately cool area

## SECTION VIII: CONTROL MEASURES

Skin Contact:	Clean thoroughly with soap and water
Eye Contact:	Flush with clean water for 15 minutes
If Swallowed:	If person is conscious, rinse mouth with water and administer drinking of water to dilute stomach contents. DO NOT INDUCE VOMITING. Seek medical attention immediately.

## SECTION IX: TOXICOLOGY INFORMATION

LC <sub>50</sub>	Invertebrate	0.37 mg/L at 48 hours
	Fathead Minnow	0.26 mg/L at 96 hours
	Bluegill Sunfish	0.21 mg/L at 96 hours
	Rainbow Trout	0.047 mg/L at 96 hours
	Sheepshead Minnow	> 600 mg/L at 96 hours
	Mysid Shrimp	13 mg/L at 96 hours

## SECTION X: TRANSPORT INFORMATION

Not DOT regulated  
Not IATA regulated  
DOT "RQ": none

## SECTION XI: REGULATORY INFORMATION

SARA 312 Hazard Category:	Immediate (acute)
FDA:	Not approved for food contact use
TSCA:	Registered pesticides are exempt
FIFRA:	This product is a registered pesticide (see EPA Reg. No. above)
NFPA Rating:	Health 1
	Flammability 1
	Reactivity 0

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