

Fritz Industries, Inc.
500 Sam Houston Road
Mesquite, TX 75149-2789

Fritz Aquatics Algae Clean Out

Information: (972) 285-5471
Emergency: (972) 285-5425
Fax: (972) 289-8756

SECTION 1: Product Information

Date Revised	09/28/2005
Brand Name	Fritz Aquatics
Product Name	Algae Clean Out
EPA Registration Number	14802-8

SECTION 2: Hazardous Components Information

WSCP	Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylenedichloride]
Cas Number	31075-24-8
OSHA PEL	N/A
ACGIH TLV	N/A
Other	N/A
% w/w	5.4

SECTION 3: Physical/Chemical Characteristics

Specific Gravity (Water = 1)	1.00
Solubility in Water	Complete in water, incomplete or none in most solvents
Boiling Point	> 212 F
Freeze Point	N/A
Evaporation Rate	N/A
Appearance & Odor	Pale yellow with clarity, no solids; Mild inoffensive odor
pH	5.0-7.0
Vapor Pressure	N/A
Vapor Density	N/A
Biodegradability	100%

SECTION 4: Fire & Explosion Hazard Data

Flash Point (Method Used)	Not flammable
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Flammable Limits	Negligible fire hazard
Extinguishing Media	Water, foam, carbon dioxide, or dry chemical
Special Firefighting Procedures	None known
Unusual Fire & Explosion Hazards	None known

SECTION 5: Reactivity Data

Stability	Stable
Conditions to Avoid	None known
Incompatibility (Materials to Avoid)	Anionic polymers
Hazardous Decomposition or Byproducts	Not known, possibly carbon monoxide upon burning
Hazardous Polymerization	Will not occur

SECTION 6: Health Hazard Data (for WSCP)

Acute Exposure	Inhalation: Mucus membrane irritant	Skin: Irritant	Ingestion: N/A	Eyes: Irritant
Chronic Exposure	Effects not fully evaluated			
Toxicology	Acute Oral LD₅₀ (male rat) 1951 mg/Kg	Acute Oral LD₅₀ (female rat) 2587 mg/Kg	Acute Dermal LD₅₀ (rabbit) > 2000 mg/Kg	Acute Inhalation LC₅₀ (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 7: Environmental Toxicology (for WSCP)

LC₅₀	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 8: Emergency/First Aid Procedures

Skin Contact	Clean thoroughly with soap & water
Eye Contact	Flush with clean water for 15 minutes

If Swallowed

If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Seek medical attention immediately.

SECTION 9: Precautions For Safe Handling & Use**Steps to be taken in case material is released or spilled:**

Contain spill by soaking up in inert absorbent material.

Waste disposal method:

Dispose of material per local, state, and federal regulations.

Precautions to be taken in handling & storage:

Store in moderately cool area.

Other precautions:

Eyewash stations are recommended near area of use. PPE for eye and skin are strongly recommended.

SECTION 10: Transportation & Shipping Information

DOT	Not regulated
IATA	Not regulated
DOT "RQ"	None

SECTION 11: 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 Registration Number above)			
NFPA (704) Rating	Health: 1	Flammability: 0	Reactivity: 0	Special: 0

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