

# AQURON® LAKESAVE Lake Water Purifier

# MATERIAL SAFETY DATA SHEET

FOR PROFESSIONAL USE ONLY-KEEP OUT OF CHILDREN'S REACH

## MANUFACTURER

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## SECTION 1: PRODUCT IDENTIFICATION

Product Name: Aquron® LAKESAVE  
Formula: Proprietary Mixture

<u>Hazard Rating:</u>	<u>Hazard Rating Scale:</u>
Health ..... 1	Minimal ..... 0
Fire ..... 0	Slight..... 1
Reactivity..... 0	Moderate..... 2
Special ..... 0	Serious ..... 3
	Severe ..... 4

## SECTION 2: HAZARDOUS INGREDIENTS

OSHA Pel	ACGIH TLV	Other Limits Recommended
Sulfuric Acid..... >8% ... 1mg/m <sup>3</sup> ..... -0- .....	1 mg/m <sup>3</sup>	
CAS No. 7664-93-9 .....	8 hr-TWA .....	8 hr-TWA
Deutero Sulfuric Acid..... >6.5% .....	Not listed in NIOSH-RTECS	
CAS No. 13813-19-9		
Organic Sulfur Compounds 0.18% .....	Not determined to be Hazardous	
Corrosive material per CFR 49.172.102.84		
Components not listed by: RCRA, NTP, IARC, TSCA, DOT-1830		
Nitrogen..... Non-ionic Surfactant .....	Anionic-surfactant .....	Protease

## SECTION 3: PHYSICAL PROPERTIES

Physical description..... clear to slightly amber, odorless liquid  
Boiling point..... 216°F±  
Vapor Pressure ..... <0.3  
Vapor Density..... approximately 3.4  
Melting Point ..... 31°F – 51°F±  
Evaporation Rate ..... > 1  
pH ..... 1±  
Water solubility..... near 100% in all proportions  
Specific gravity..... 1.1-1.2±

## SECTION 4: FIRST AID MEASURES

**Skin:** Flood with water first, then wash with soap and water.  
**Eyes:** Flush liberally with fresh water, lifting upper and lower eyelids occasionally.  
Seek medical attention.  
**Internal:** DO NOT give emetics or baking soda. Give milk of magnesia.

## SECTION 5: HEALTH HAZARD INFORMATION

**Primary routes of exposure:** Eye and skin contact, and ingestion.  
Health hazards include pulmonary irritation, skin and eye irritation; all acute. No known chronic hazards.  
**Signs/Symptoms:** Constant direct contact may cause reddening of tissue or rash sensitive to touch. Ingestion may cause indigestion.  
**Medical conditions generally aggravated by exposure:** Sunburn, cuts, and scrapes

## SECTION 6: TOXICITY DATA

Toxicity: This product was tested for toxicity and was found to be non-toxic, but is NOT recommended for ingestion.

## SECTION 7: PERSONAL PROTECTION

**Protective Gloves:** ..... should be worn while mixing.  
**Protection Clothing:** ..... rubber footwear when appropriate.  
**Eye Protection:** ..... appropriate eye protection.  
Eyewash facility should be nearby and ready for use.  
**Respiratory Protection:** ..... none required  
**Work/Hygienic Practices:**..... wash hands and face after use.

## SECTION 8: FIRE & EXPLOSIVE INFORMATION

**Flash point:** None  
**Method Used:** Not applicable.  
**Extinguishing media:** Product is not combustible or flammable. Use appropriate extinguishing media for surrounding fire.

## SECTION 9: HAZARDOUS REACTIVITY

**Stability:** Stable  
**Conditions to avoid:** Material with pH of 8 or above.  
**Incompatibility:** Mixture will effervesce.  
**Hazardous decomposition products:** None

## SECTION 10: DISPOSAL PROCEDURES

**Spills or leaks:** Neutralize with soda ash. Wash with copious supply of water. Aquron® LAKESAVE is non-toxic, completely soluble in water, but prior to dilution, will dissolve cotton, paper and some paints.  
**Disposal:** Dispose of according to local, state and federal laws.

## SECTION 11: SPECIAL PRECAUTIONS

**Storage:** Store inside or outside properly situated away from incompatible materials, i.e., materials with pH of <8. Use prudent laboratory or industrial hygiene procedures. Other special precautions not required.

## SECTION 12: ECOLOGICAL INFORMATION

This material is ecologically friendly and doesn't pose any threat to the environment that is known.

## SECTION 13: DISCLAIMER

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## SECTION 14: NOTICE

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