

MATERIAL SAFETY DATA SHEET

Precision Laboratories, LLC



Updated: March 6, 2013

Product Name: AquaLock™

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AquaLock™
Supplier: PRECISION LABORATORIES, LLC
1429 S. SHIELDS DRIVE
WAUKEGAN, IL 60085

Emergency telephone number: (Chemtrec Information 24 hours) 1-800-424-9300
For MSDS, Product Safety, or
Regulatory inquiries, call: (800) 323-8351
Customer Service, call: (800) 323-6280

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	OSHA PEL	ACGIH TLV	% By Wt.
Proprietary Blend of components				80-100%
Ethoxylated Fatty Alcohol	69013-19-0			10-15%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

HMIS Hazard Rating:
1 Health Hazard Rating
1 Flammability Rating
0 Reactivity Rating
x Personal Protection

Primary Routes of Exposure:

Eyes: YES Skin: YES Oral: YES Inhalation: YES

Signs and Symptoms of Exposure:

Eye contact: May cause severe eye irritation.
Skin contact: May cause slight irritation and reddening.
Inhalation: May cause respiratory and mucosal irritation. Avoid berating dust, spray or mist.
Ingestion: May cause nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

FIRST AID MEASURES FOR ACCIDENTAL:

Eye Exposure: Wash immediately and thoroughly with running water, keeping eyelids raised for at least 10 minutes. Following this, protect eyes with sterile gauze or a clean, dry handkerchief. GET MEDICAL ATTENTION. Do not use eyewash or ointment of any kind before consulting with an eye specialist.

Skin Exposure: Immediately take off all contaminated clothing. Areas of the body that have, or are even suspected of having come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Inhalation: Ventilate the premises. The person should be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, seek medical attention.

Ingestion: Do not induce vomiting under any circumstances. GET MEDICAL ATTENTION IMMEDIATELY. Never give fluids or force vomiting if the person is unconscious, is having convulsions or has no gag reflex.

5. FIRE-FIGHTING MEASURES

FIRE HAZARD DATA:

Flammability: N/A LEL: N/A UEL: N/A

Auto-ignition temperature: N/D

Flash Point: >212 °F Method: Closed Cup

Extinguishing Media: Water spray, foam, CO2, or chemical powders may be used in areas where this product is stored.

Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA Approved Self-Contained breathing apparatus and full protective clothing.

Additional Fire and Explosive Data: Avoid inhaling fumes and use protection for the respiratory tract.

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6. ACCIDENTAL RELEASE MEASURES

Use a mask, gloves and protective clothing. Evacuate the spill area, except for cleanup personnel. Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system or has contaminated the ground or vegetation, notify the competent authorities. Rapidly recover the product. To do so wear a mask and protective clothing. If necessary, apply granular or loose adsorbent to spill. When absorbed, sweep or otherwise collect and dispose of properly. **WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

7. HANDLING, STORAGE & SPILLAGE OR LEAK PROCEDURES

Precautions to be Taken in Handling: Keep away from heat, sparks and flame. Keep container closed. Safety goggles with full-face shield recommended. USDA-accepted Nitrile (CFR-20) or Neoprene Rubber (CFR-21) recommended. Chemical apron recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use only with adequate mechanical exhaust ventilation. To avoid fire minimize ignition sources. Do not eat or drink while working with this product. Avoid contact and inhalation of vapors/spray/dusts.

Precautions to be Taken in Storage: Product should be stored in a dry place with temperatures above 32° F. Partially used containers should be resealed between uses for maximum storage stability.

Spill or Leak Procedures: Recover free liquid. For recovery or disposal, add inert absorbent (sand, earth, sawdust, etc.) to spill area and shovel into containers for disposal. Large spills may be flushed to sewer if local authorities approve such. Product is slippery under foot; flush smooth surfaces thoroughly. Dispose of material in accordance with all federal, state and local regulations in an approved waste disposal facility.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

Eye Protection: Wear close fitting safety goggles and/or visor conforming to OSHA Regulations. Contact lenses should not be worn when working with chemicals.

Skin Protection: Wear coveralls, chemical apron and boots to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

Inhalation Protection: Required under normal use conditions with good ventilation. Protect against spray mists & dust clouds.

Other Protection: Drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990.

Personal Protection in Case of Large Spill: Splash goggles. Full suit. Boots, Gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance & Odor: Liquid, slight odor

Boiling Point: >212 °F

pH: >11

Solubility in Water: Emulsifiable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility: Strong oxidizers, aluminium, iron, zinc, copper and copper alloys.

Hazardous Decomposition Products: Stable under normal conditions

Hazardous Polymerization: N/D

Conditions to Avoid: N/D

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity on rats (LD50): >2000 mg/kg.*

*Based on components

12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

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13. DISPOSAL CONSIDERATIONS

Disposal Methods: Recycle or rework material if at all possible. Incinerate material at an approved facility. Treat at an acceptable waste treatment facility, or municipal waste treatment plant after proper testing and approval waste samples in compliance with applicable federal, state and local environmental regulations.

Container Reuse: An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

14. TRANSPORT INFORMATION

DOT Status (Highway and rail): N/E

IATA Status (Air): N/E

15. REGULATORY INFORMATION

SARA HAZARD: Title III, Section 313: Contains no Section 313 listed substances subject to reporting.

AICS (Australia): Components listed

DSL (Canada): Components listed

EINECS (Europe): Components listed

TSCA: Components listed

WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

N/D - Not Determined

N/A - Not Applicable

N/E – Not Established