

1. PRODUCT AND COMPANY IDENTIFICATION

AQUATROLS CORPORATION OF AMERICA

1273 IMPERIAL WAY

PAULSBORO, NJ 08066 USA

Emergency Phone Numbers:

For emergencies involving a spill, leak, fire, exposure or accident, contact CHEMTREC (800-424-9300 within the United States or 703-527-3887 for international collect calls).

For Product Information: 1-800-257-7797

Chemical Name or Synonym: Non-ionic surfactant blend, liquid media wetting agent

2. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance: Light yellow viscous liquid, slight aromatic odor

Warning Statements: CAUTION – EYE IRRITANT!

Primary Route of Entry: Routes of entry for liquids include eye and skin contact, ingestion and inhalation.

Signs and Symptoms of Overexposure

Eyes: Irritant. Can cause redness or irritation.

Skin: Slightly irritating. May cause redness or irritation with prolonged contact.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea, or vomiting.

Inhalation: Inhalation not likely. Mists may cause upper respiratory tract irritation.

Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

3. COMPOSITION / INFORMATION ON INGREDIENTS

	<u>Product Composition</u>	<u>CAS Reg No.</u>	<u>WGT. %</u>
A.	<u>Hazardous</u>		
	None		
B.	<u>Non-Hazardous</u>		
	Non-ionic surfactant blend	Proprietary*	~ 85%
	Water	7732-18-5	~ 15%

*trade secret as allowed by 29 CFR 1910.1200-48

4. FIRST AID MEASURES

Eyes: DO NOT RUB EYES. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.

Skin: Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.

Ingestion: If person is conscious, give large amounts of water to drink. Seek medical attention is necessary. Induce vomiting only upon advice from a physician.

Inhalation: Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

5. FIRE FIGHTING MEASURES

Flashpoint and Method:	> 93°C (200°C) / Pensky-Martens Closed Cup
Flammable Limits:	Lower: not available Upper: not available
Flammability Class:	WILL BURN
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, and/or foam are recommended.
Fire Fighting Procedures:	Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and full protective clothing.
Unusual Fire and Explosion Hazards:	Product will burn under fire conditions.
Hazardous decomposition materials (under fire conditions):	Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spill:	Control spill with dykes and absorb with absorbent pads or booms. If necessary, apply granular or loose sorbent to spill. When absorbed, sweep or otherwise collect into recovery drums and dispose of properly.
Environmental Precautions	Do not flush to drain. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.
Evacuation Procedures and Safety:	See Personal Protection information in Section 8.
Containment of Spill:	Follow procedure described in "Cleanup and Disposal of Spill".

7. HANDLING AND STORAGE

Handling:	Avoid direct or prolonged contact with eyes and skin. Avoid breathing vapors or mists. Use non-sparking tools and grounded/bonded equipment and containers when transferring. In cold weather, this product may stratify and/or freeze. This does not damage the product. If freezing occurs, thaw and remix before using. Frozen material may be thawed in a warm room. Avoid localized overheating. Vent drums while heating. Mix thoroughly to assure homogeneity. Provide adequate ventilation when accessing or working with open containers and tanks.
Storage:	Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from ignition sources, and away from incompatible materials. See Section 10 for Stability and Reactivity information.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Introductory Remarks:	These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13 Disposal Considerations.
Engineering Controls:	When engineering controls are mandated by use conditions or a potential for exposure exists, minimize exposure to employees with general area dilution or exhaust ventilation.
Exposure Guidelines:	No exposure limits were found for this product or any of its ingredients.
Eyes and Face:	Wear appropriate protective safety goggles/glasses as described in 29 CFR 1910.133. A full-face shield and eyewash station are recommended.

Skin:	Skin contact should be minimized through use of appropriate clothing and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance. USDA accepted Nitrile (CFR-20) or neoprene rubber (CFR-21) gloves are recommended.
Respiratory:	When work conditions are such that aerosols or mists may be generated or present, use a suitable NIOSH/MSHA approved respirator. Under normal conditions with adequate ventilation, no protection is necessary.
Work Practice Controls:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material. <ol style="list-style-type: none">1. Do not store, use, and/or consume food, beverages, tobacco products, or cosmetics in area where this material is stored.2. Wash hands and face carefully before eating, drinking, using tobacco applying cosmetics, or using the toilet.3. Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Viscous liquid
Odor:	Slight aromatic
Color:	Light yellow
pH:	5.0 – 7.0 (5% solution)
Vapor Pressure:	< 24 mm Hg @ 25°C
Vapor Density:	> 1 (air = 1)
Boiling Point:	> 200°C
Freezing Point:	Not established
Solubility in Water:	Soluble
Specific Gravity:	1.04 – 1.06 g/ml
Viscosity:	Not established

10. STABILITY AND REACTIVITY

Chemical Stability:	This material is stable under normal handling and storage conditions as described in Section 7.
Conditions to Avoid:	Keep away from heat, sparks, and open flames
Hazardous Decomposition Products:	
Decomposition Type: Thermal:	Oxides of carbon
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute	
Eye:	Eye irritant (rabbit)
Skin:	Not a primary irritant
Dermal:	LD ₅₀ >2000 mg/kg
Oral:	LD ₅₀ (rat) = 5000 mg/kg
Inhalation:	4 hr LC ₅₀ – not determined
Respiratory:	No data available
Chronic Toxicity:	No data available

12. ECOLOGICAL INFORMATION

Environmental Fate Information:	No data available
Ecotoxicity Information:	No data available
Chemical / Physical Information:	No data available
Waste Disposal Method:	Dispose of waste in a manner consistent with federal, state, and local regulation

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14. TRANSPORTATION INFORMATION**DOT (Department of Transportation)**

Proper Shipping Name:	Cleaning compound NOI
Primary Hazard Class / Division:	None
NMFC:	48580
Class:	55
U.S. Customs Harmonization Number	3402.13.0000.3

15. REGULATORY INFORMATION

United States TSCA:	All ingredients are on the inventory.			
Australia (AICS):	All ingredients are on the inventory.			
Japan (MITI):	Not determined or one or more ingredients are not on the inventory and are not exempt from listing.			
CANADA DSL:	All ingredients are on the inventory			
European EINECS/ELINCS:	One or more ingredients fall under the polymer exception or are on the no longer polymer list. All other ingredients are on the inventory or are exempt from listing.			
South Korea (KECL):	Not determined or one or more ingredients are not on the inventory and are not exempt from listing.			
Federal Regulations:				
SARA Title III Section 313:	This product contains the following material regulated under SARA Title III Section 313: Glycol ethers (Per the current EPA definition) at a level estimated to be 4%.			
State Regulations:	This product may contain trace amounts of the following materials that are regulated under California Proposition 65:			
Ingredient	Cancer List	Reprod List	No Sig Risk Lvl (ug/day)	RPI
Ethylene Oxide	Y	Y	2	Not determined
1,4-dioxane	Y	N	30	Not determined

16. OTHER INFORMATION

Information Contact: Aquatrols Corporation of America – 800-257-7797

Revision Summary: GHS format. Change and/or addition made to Sections 2, 3, and regulatory review and update. This revision replaces MSDS dated December 30, 2004.

HMIS Rating

HEALTH:	1
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	B

NFPA CODES

HEALTH:	1
FLAMMABILITY:	1
INSTABILITY:	0

Manufacturer Disclaimer: While the information and recommendations set forth herein are believed to be accurate, we make no warranty with respect hereto and disclaim all liability from reliance thereon

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