

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: Surfactant Blend

2. HAZARDS IDENTIFICATION

Emergency Overview

Physical Appearance: Amber / liquid, characteristic odor

Warning Statements: Caution! May cause skin and eye irritation

Potential Health Effects

Eyes: Slightly irritating. May cause redness, irritation.

Skin: Low acute dermal toxicity. Slightly irritating. May cause redness, irritation.

Ingestion: Low acute oral toxicity. May cause nausea, irritation.

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>		
	Alkoxylated polyols	9003-11-6	~ 30%
	Glucoethers	68515-73-1	~ 21%
	Water	7732-18-5	~ 49%

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: Give large amounts of water to drink. Seek medical attention if 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°F) / Pensky-Martens closed cup

Flammable Limits: Lower: no data Upper: no data

Extinguishing Media:

Recommended (small fires): dry chemical, carbon dioxide;
Recommended (large fires): alcohol foam, universal foam, water spray
Not recommended: water jet (frothing possible).

Special Fire Fighting Procedures:

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards:

Product will burn under fire conditions.

Hazardous Decomposition Materials

Oxides of carbon

(Under fire conditions):

6. ACCIDENTAL RELEASE MEASURES

Evacuation Procedures and Safety:

Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Containment of Spill:

Follow procedure described below under Cleanup and Disposal of Spill.

Cleanup and Disposal of Spill:

Absorb with an inert absorbent. Sweep up and place in an appropriate closed container (see Section 7: Handling and Storage). Clean up residual material by washing area with water. Collect washings for disposal.

Environmental and Regulatory**Reporting:**

Do not flush to drain. Prevent material from entering public sewer system or any waterways. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. HANDLING AND STORAGE

Minimum/Maximum

8 to 45°C (46 to 113°F)

Storage Temperatures:**Handling:**

Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. Ethylene oxide may collect in container head space. Although concentrations are expected to remain below established exposure limits, 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, away from incompatible materials (see Section 10. Stability and Reactivity).

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.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Guidelines:

No exposure limits were found for this product or any of its ingredients.

Engineering Controls:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

Eyes and Face:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side

	shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.
Skin:	Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.
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.
Comments:	<ol style="list-style-type: none">1. Do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas 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 State:	Amber / liquid
Odor:	Characteristic
pH:	5 – 7 at 5 wt/wt%
Vapor Pressure:	Not available
Vapor Density:	Not available
Boiling Point:	Not available
Freezing Point:	8°C (46°F)
Melting Point:	Not available
Flashpoint and Method:	> 93°C (200°F) / Pensky-Martens closed cup
Solubility in Water:	Soluble
Evaporation Rate:	< 1 (Butyl Acetate = 1)
Vapor Density:	Not available
Specific Gravity:	> 1 at 25°C (77°F)
Viscosity:	Viscosity (centipoises) : 174 cps at 25°C (77°F)
Percent Non-volatiles by wt	51.13

10. STABILITY AND REACTIVITY

Chemical Stable:	This material is stable under normal handling and storage conditions described in Section 7.
Hazardous Polymerization:	Will not occur.
Materials / Chemicals to be Avoided	Strong acids, strong oxidizing agents
Decomposition Type:	Thermal – oxides of carbon
Conditions to Avoid:	Heat, open flame, spark

11. TOXICOLOGICAL INFORMATION

Acute	The following data are for similar or related products
Eyes:	Eye irritation, rabbit – slightly irritating
Dermal:	No test data found for product.
Oral LD₅₀:	The following data is for similar or related products. Lethal dose 50% of test species, 5500 mg/kg, rat
Inhalation:	No test data found for product
Respiratory Irritation	No test data found for product

Chronic Toxicity: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human. No additional test data found for product.

12. ECOLOGICAL INFORMATION

Ectotoxicological Information: No data found for product.
Chemical Fate Information: No data found for product.

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 otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Container Handling and Disposal: Any containers or equipment used should be decontaminated immediately after use.

EPA Hazardous Waste: No

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation) Not regulated
Proper Shipping Name: Cleaning Compound NOI
Primary Hazard Class / Division:
UN / NA Number:
NMFC# 48580 Sub 3
Packing Group:
NAERG:
Label:

U.S. Customs Harmonization Number: 3402.13.0000.3
Road and Rail (ADR / RID) Not available
AIR (ICAO / IATA) Not regulated
VESSEL (IMO / IMDG) Not regulated
Canada Transport of Dangerous Goods Not available

15. REGULATORY INFORMATION

United States DOT Label Symbol and Hazard Classification Not regulated
TSCA (Toxic Substance Control Act): All functional components of this product are listed on the TSCA inventory.

Canada (DSL): All ingredients are on the inventory.
Europe (EINECS / ELINCS): One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

Australia (AICS): All ingredients are on the inventory.
Japan (MITI): All ingredients are on the inventory.
South Korea (KECL): All ingredients are on the inventory.

SARA Title III Hazard Classes:
Fire Hazard No
Reactive Hazard No



Dispatch[®] Sprayable

Material Safety Data Sheet

Date Prepared: July 24, 2015

Supersedes Date:

September 5, 2007

Release of Pressure	No
Acute Health Hazard	No
Chronic Health Hazard	No

FDA Status:

This product meet the compositional requirements of:
 21 CFR 175.105 Adhesives
 21 CFR 176.180 Comp'ts of paper/paperboard cont. / dry food
 21 CFR 176.200 Defoaming agents used in coating

California Proposition 65:

This product contains the following components that are regulated:

Ingredient Name	Cancer List	Reprod. List	No Sign. Risk Lvl- CA
Dioxane	Y	N	30
Ethylene Oxide	Y	N	2
Propylene Oxide	Y	N	2

16. OTHER INFORMATION

Reason for Issue: Not applicable
Information Contact: Aquatrols Corporation of American – 800-257-7797
Revision Summary: Change and/or addition made to Sections 3, 6, and 14. Regulatory review and update. This revision replaces MSDS dated September 5, 2007.

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

End of MSDS Document