

## Aqueduct

Revision: 1.1 US

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier on label**

Aqueduct

**Use**

Wetting agent, industrial use

**Supplier or Manufacturer**
 Aquatrols Corporation of America  
 1273 Imperial Way  
 Paulsboro, NJ 08066  
 Phone number: 1-856-537-6003  
 sds@aquatrols.com
**Emergency telephone**
 FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT  
 CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.
**SECTION 2: Hazards identification****Classification**
 Not a hazardous product according to GHS system  
 HCS 2012 (29 CFR 1910.1200)
**Signal Word (OSHA)**

None

**Hazard Statements**

Slightly irritating to skin and eyes.  
 No specific risk when handled in accordance with good occupational hygiene and safety practice.  
 No particular fire or explosion hazard.  
 Hazardous reactions may occur on contact with certain chemicals. (Refer to the list of incompatible materials section 10: "Stability/Reactivity").

**Hazard Symbols**

None

**SECTION 3: Composition/information on ingredients**

Chemical Name	CAS Number	Concentration
Blend of nonionic polyols	proprietary	50%
1,2-propanediol	57-55-6	5%
Water	7732-18-5	45%

**SECTION 4: First aid measures**

Have the product container, label, or Safety Data Sheet with you when calling a poison control center, or doctor, or going for medical treatment.

**Ingestion:**

Do not induce vomiting without medical advice.  
 If victim is conscious: Rinse mouth with water. Keep at rest. Do not leave the victim unattended.  
 Vomiting may occur spontaneously  
 Lay victim on side. Seek medical advice.

**Aqueduct**

Revision: 1.1 US

Issuing date: 07.25.2025

**Eye Contact:** Rinse immediately with plenty of water. Seek medical attention if eye irritation develops or persists.

**Skin Contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation develops or persists. Wash contaminated clothing before re-use.

**Inhalation:** Negligible or unlikely exposure pathways If inhaled, move person into fresh air. Consult a physician if necessary

**Most important symptoms/effects:** Skin contact may aggravate existing skin disease.

**Indication of immediate medical attention and special treatment needed:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically. There is no specific antidote available.

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## SECTION 5: Firefighting measures

### Suitable (and unsuitable) extinguishing media

Small fires: Dry chemical, carbon dioxide (CO2); Large fires: Foam, water spray.

### Special hazards arising from the substance or mixture

Under fire conditions, product will burn. On combustion or on thermal decomposition (pyrolysis) releases carbon oxides.

### Special protective equipment and precautions for firefighters

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Do not use a solid water stream as it may scatter and spread fire.

### Further Information

Cool containers/tanks with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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## SECTION 6: Accidental release measures

### Personal precautions, protective equipment, and emergency procedures

Wear all necessary PPE.

### Environmental precautions

Do not flush into surface water or sanitary sewer system. Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

### Methods and materials for containment and cleaning up

Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately and take the personal protective measures outlined in Section 8. Absorb with liquid-binding (non-combustible) material e.g. sand, earth and place into compatible disposal container, seal container and arrange for disposition. Clean affected area prior to resuming regular work procedures. Do not allow spills to enter drains or watercourses.

**Aqueduct**

Revision: 1.1 US

Issuing date: 07.25.2025

**SECTION 7: Handling and storage****Precautions for safe handling**

Avoid eye contact and prolonged skin contact. Respiratory protection is normally not required. Ethylene oxide may collect in container head space. Store the material in a well-ventilated, secure area. Ensure good ventilation/exhaustion at the workplace. Prevent eating, drinking, tobacco use and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling the material. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking or smoking. Remove contaminated clothing and clean before reuse.

**Conditions for safe storage, including any incompatibilities**

Store in the original labeled container in a cool place away from direct sunlight. Keep separate from food and feed products and out of reach of children and animals. Avoid storage at temperatures 110F or higher. Avoid contact with strong bases, strong oxidizing agents and strong reducing agents.

**SECTION 8: Exposure controls/personal protection**

The following recommendations for exposure controls/personal protection are intended for handling of this product.

**Control parameters****Exposure**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure controls**

<b>Respiratory</b>	Not normally required. Use/apply in a well-ventilated area. When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.
<b>Eyes</b>	Chemical goggles or shielded safety glasses recommended.
<b>Skin</b>	Rubber or neoprene gloves recommended.
<b>Ingestion</b>	Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.
<b>Engineering Controls</b>	Effective exhaust ventilation system.
<b>General Protective and Hygienic Measures</b>	The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing and wash before reuse. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

**SECTION 9: Physical and chemical properties**

Appearance	Clear to light yellow liquid, may be slightly cloudy
Odor	Slight
Odor threshold	Not measured
pH (1% in DI water)	5.0-7.5
Melting point/freezing point (C)	-5C
Initial boiling point and boiling range (C)	>260C (760mmHg (1013.25 hPa))
Flash Point	>204C (Pensky Martens closed cup)
Evaporation rate (Ether = 1)	Not measured
Flammability (solid, gas)	Not measured
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not measured Upper Explosive Limit: Not measured

**Aqueduct**

Revision: 1.1 US

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Vapor pressure (Pa)	Not measured
Vapor density	Not measured
Specific Gravity	1.02-1.06 g/cm <sup>3</sup>
Partition coefficient n-octanol/water (Log Kow)	Not measured
Auto-ignition temperature (C)	Not measured
Decomposition temperature (C)	Not measured
Viscosity (cSt)	Not measured
VOC%	Not measured

**Other information**

Soluble in water.

**SECTION 10: Stability and reactivity**

<b>Reactivity</b>	Not chemically reactive.
<b>Chemical stability</b>	Stable under normal ambient and anticipated conditions of use.
<b>Possibility of hazardous reactions</b>	Hazardous reactions not anticipated.
<b>Conditions to avoid</b>	Keep away from heat and sources of ignition. Keep away from flames and sparks.
<b>Incompatible materials</b>	Strong bases, strong oxidizing agents, strong reducing agents.
<b>Hazardous decomposition products</b>	On combustion or on thermal decomposition (pyrolysis), releases carbon oxides.

**SECTION 11: Toxicological information**

Acute Oral LD50 (rat)	10,200 mg/kg (by analogy)
Acute Dermal LD50 (rabbit)	Not established
Eye Irritation (rabbit)	Slight irritation (by analogy)
Inhalation LC50 (rat)	Not established
Skin Irritation (rabbit)	Slightly irritating to rabbits on cutaneous application (by analogy)
Skin Sensitization (guinea pig)	Not established
Carcinogenic Potential	Not established

**SECTION 12: Ecological information**

<b><u>Aquatic toxicity</u></b>	No data available
<b><u>Bioaccumulative potential</u></b>	No data available
<b><u>Biodegradation</u></b>	No data available
<b><u>Results of PBT and vPvB assessment</u></b>	No data available
<b><u>Other adverse effects/information</u></b>	No further information available

**SECTION 13: Disposal considerations**

<b><u>Waste Disposal</u></b>	EPA: Non-Hazardous waste. Observe all federal, state and local environmental regulations when disposing of this material.
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**Aqueduct**

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**Container Disposal** Rinse with appropriate solvent.  
Dispose of contents/container in accordance to local regulations.

**SECTION 14: Transport information**

**US DOT Shipping Description** Not regulated by US DOT

**TDG** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

**SECTION 15: Regulatory information****HMIS Hazard Rating**

Health 1  
Flammability 1  
Reactivity 0

**NFPA Hazard Ratings**

Health 1  
Flammability 1  
Reactivity 0

**Toxic Substance Control Act (TSCA)** All ingredients of this product are listed on the TSCA (Toxic Substances Control Act) Inventory or are not required to be listed on the TSCA Inventory.

**Canadian Domestic Substances List (DSL)** Yes, all components of this product are on the Canadian DSL

**SARA 311/312 Hazards** Fire: No  
Sudden Release of Pressure: No  
Reactive: No  
Immediate (Acute): No  
Delayed (Chronic): No

**SARA 313** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**SARA 302** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**Proposition 65**

WARNING! This product contains a chemical known in the State of California to cause cancer.

1,4-Dioxane  
Ethylene Oxide  
Propylene Oxide

WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.  
Ethylene Oxide

No Significant Risk Levels (NSRLs) have been established for the following:

1,4-Dioxane; Value : 30 micrograms per day  
Ethylene Oxide Value : 2 micrograms per day

**Aqueduct**

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**SECTION 16: Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose, and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in another manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.