

**SECTION 1 - IDENTIFICATION****Product Identifier**

FROSTGUARD

**Other Means of Identification**

FROSTSAFE

**Recommended Use of the Chemical**

See product label

**Responsible Party****Name** Atlantic Chemical & Equipment Company**Address** 3471 Atlanta Industrial Pwky,  
Atlanta, GA 30331 USA**Phone** 1.800.929.2436**Web** acechempro.com**Emergency Phone Number**

For Chemical Emergencies call Chemtrec at 1.800.262.8200

**SECTION 2 – HAZARD IDENTIFICATION****Classification of the Chemical**

Acute Toxicity, category 4 (oral)

**Signal Word**

Warning

**Hazard Symbols****Hazard Statement(s)**

Harmful if swallowed

**Precautionary Statement(s)**

Wash hands thoroughly after handling

Do not eat, drink or smoke when using this product

Dispose of container in accordance with local regulations

IF SWALLOWED: Call a poison control center if you feel unwell. Rinse mouth

**Hazards Not Otherwise Classified**

None known

0% of the mixture consists of ingredients of unknown toxicity

**Note**

Labeling information found on this SDS may be different from label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency

**SECTION 3 – COMPOSITION**

<b>Ingredient</b>	<b>CAS</b>	<b>wt%</b>	<b>GHS Classification(s)</b>
Ethylene Glycol	107-21-1	60-100	Acute Toxicity 4 (oral)

**Trade Secret Claim**

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions



## SECTION 4 – FIRST AID MEASURES

### General First Aid Measures

If medical attention is required then provide product label or safety data sheet to a medical professional

### Most Important Symptoms

None known

### If Inhaled

Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if person is not breathing

### If on Skin

Wash with soap and water. Take off contaminated clothing and launder with detergent before reuse

### Indication of Immediate Medical Attention

Seek immediate medical attention if swallowed and you feel unwell

### If in Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Rinse for at least 10 minutes to ensure proper flushing of material from eye

### If Swallowed

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water

## SECTION 5 – FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water spray, carbon dioxide, sand, powder extinguisher, or dry chemical

### Unsuitable Extinguishing Media

None known

### Specific Hazards Arising From the Chemical

None known

### Hazardous Combustion Products

None known

### Special Protective Equipment for Fire-fighters

Not determined

### Precautions for Fire-Fighters

Not determined

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Ensure that the environment is physically safe to be in. Wear personal protective equipment before remedying an accidental release of mixture

### Protective Equipment

Wear gloves suitable for chemical resistance. Wear protective eye glasses/goggles. In the event of inadequate air ventilation use artificial breathing apparatuses

### Emergency Procedures

Evacuate all non-essential personnel from the area. Shut off all sources of ignition. Ensure that all drains are covered to prevent environmental exposure. Follow methods found in next sub-section: Methods for Containment and Clean Up

### Methods for Containment and Clean Up

Provide mechanical ventilation. Collect with an absorbent material, sweep into a container appropriate for storage. Offer to a licensed waste disposal company for appropriate disposal

### References

See Section 7 on safe handling. Section 8 for information on personal protection equipment. See Section 13 for disposal information



## SECTION 7 – HANDLING AND STORAGE

### Precautions for Safe Handling

Keep in original container before and after use. Read product label thoroughly and follow directions as provided in each label's Directions section. Wear protective equipment suggested in Section 8 even if product label does not recommend use of protective equipment

### Conditions for Safe Storage

Store in all original containers/packaging as product label contains important information regarding proper use of chemical. Store appropriate to NFPA ratings found in Section 15 of this SDS.

### Storage Incompatibilities

None known

## SECTION 8 – PERSONAL PROTECTION

### Exposure Limits

Ingredient	CAS	PEL	AGCIH	NIOSH
Ethylene Glycol	107-21-1	n/a	25 ppm	n/a

### General Note

Practice good industrial hygiene by washing hands thoroughly before and after use. Keep working areas clean. Ensure proper use of personal protective equipment as recommended in this section

### Appropriate Engineering Controls

Ensure adequate mechanical ventilation capable of preventing vapor build up

### Eye Protection

Eye glasses or goggles are recommended when using this product. Eye protection should fit user as to minimize risk of exposure as much as possible

### Skin Protection

Wear long sleeves and pants to minimize exposure to skin. Wear protective gloves when using this product. Gloves should be chemically resistant to the material. Launder contaminated clothing before reuse. Wear an apron if usage of chemical is anticipated to expose user to a large quantity of material

### Respiratory Protection

Mechanical ventilation is often sufficient for ensuring respiratory systems are better protected against exposure to material; however, should it be determined that material exposure limits are being concentrated as vapors then local ventilation should be utilized. Not anticipated to require personal breathing apparatuses for use or other respiratory protection equipment

## SECTION 9 – CHEMICAL PROPERTIES

Appearance	Liquid	Upper Explosive %	15.3
Odor	Not determined	Lower Explosive %	3.2
Odor Threshold	Not determined	Vapor Density	2.14
pH	Not determined	Relative Density	Not determined
Melting Point	9°F	Solubility	Fully soluble
Boiling Point	388°F	Partition Coefficient	Not determined
Flash Point	232°F	Auto-Ignition Temp	Not determined
Evaporation Rate	Not determined	Decomposition Temp	Not determined
Flammability	Not determined	Viscosity	Not determined



## SECTION 10 – STABILITY AND REACTIVITY

### Reactivity

Material is not anticipated to be reactive

### Chemical Stability

Material is anticipated to be stable in normal storage conditions when not exposed to any incompatible materials

### Possibility of Hazardous Reactions

None known

### Conditions to Avoid

Ensure that chemical is not exposed to heat, direct sunlight, or sources of ignition

### Incompatible Materials

Not determined

### Hazardous Decomposition Products

Not anticipated to produce any hazardous decomposition products beyond any health risk

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Acute Toxicity Estimates

Oral – 1,000-2,000 kg/bw (human data)

Dermal – Contains no ingredient(s) considered toxic

Inhalation - Contains no ingredient(s) considered toxic

### Aspiration Hazard

Contains no ingredient(s) which poses a risk in this category

### Carcinogenicity

Contains no ingredient(s) which poses a risk in this category

### Eye Damage/Irritation

Contains no ingredient(s) which poses a risk in this category

### Germ Cell Mutagenicity

Contains no ingredient(s) which poses a risk in this category

### Reproductive Toxicity

Contains no ingredient(s) which poses a risk in this category

### Respiratory Sensitization

Contains no ingredient(s) which poses a risk in this category

### Skin Corrosion/Irritation

Contains no ingredient(s) which poses a risk in this category

### Skin Sensitization

Contains no ingredient(s) which poses a risk in this category

### Specific Target Organ Toxicity – Repeated Exposure

Contains no ingredient(s) which poses a risk in this category

### Specific Target Organ Toxicity – Single Exposure

Contains no ingredient(s) which poses a risk in this category

### Delayed and Immediate Effects From Short- and Long-Term Exposure

Not determined

### Symptoms related to the Chemical Characteristics

Not determined

### International Agency for Research on Cancer Listing

No ingredient(s) listed as possibly carcinogenic

### National Toxicology Program Listing

No ingredient(s) listed as possibly carcinogenic

## SECTION 12 – ECOLOGICAL INFORMATION

### Ecotoxicity Estimated Values

Algae Contains no ingredient(s) considered toxic

Fish Contains no ingredient(s) considered toxic

Crustacea Contains no ingredient(s) considered toxic

### Persistence and Degradability

Not determined

### Bioaccumulative Potential

Not determined



**Mobility in Soil**

Not determined

**Other Adverse Effects**

Not determined

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Disposal of Empty Containers**

Empty container can be recycled

**Disposal of Material**

Dispose of full or partially full containers by offering material to a licensed waste management company and follow all local regulations on proper disposal of material

## SECTION 14 – TRANSPORTATION INFORMATION

**Hazard Placards**

Not a regulated mixture

**Special Precautions**

Keep in original container. Do not store excessive weight on top

**UN Number**

Not a regulated mixture

**UN Shipping Name**

Not a regulated mixture

**Technical Name(s)**

Not a regulated mixture

**Hazard Class(es)**

Not a regulated mixture

**Packaging group**

Not a regulated mixture

**Limited Quantity**

Not a regulated mixture

**Marine Pollutant**

No

**Transport in Bulk**

Not determined

## SECTION 15 – REGULATORY INFORMATION

**SARA 311/312**

No applicable ingredient(s)

**SATA 313**

No applicable ingredient(s)

**TSCA Inventory List**

All ingredients in this mixture are on the TSCA inventory list as active or exempt.

**California**

Prop65

No applicable ingredient(s)

ARB Designation

Not determined

VOC Limit

Not applicable

**HMIS®III (higher numbers indicate higher risk)**

Health 2

Flammability 1

Physical Hazard 0

**NFPA (higher numbers indicate higher risk)**

Health 2

Flammability 1

Instability 0



## SECTION 16 – OTHER INFORMATION

### Revision History

August 2021      SDS Review and re-authoring

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### SDS Authored By

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- END SAFETY DATA SHEET -

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