



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Cold Weather Preventive Maintenance Flush

### Other means of identification

**SDS #** UC-010

**UN/ID No**

### Recommended use of the chemical and restrictions on use

**Recommended Use** Dissolves buildup in cooling systems.

### Details of the supplier of the safety data sheet

#### Supplier Address

Ultimate Chemicals, LLC  
PO Box 7557  
Moore, OK 73153

### Emergency Telephone Number

**Company Phone Number** Phone: 405-703-2771  
**Emergency Telephone (24 hr.)** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear Liquid

**Physical State** Liquid

**Odor** Pleasant

### Classification

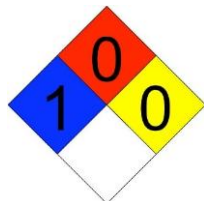
Not a hazardous substance or mixture

Category 1

### Signal Word

### Hazard Statements

None.



### Precautionary Statements - Prevention

Normal for handling of liquids and drum sized containers.  
Protect from freezing. If allowed to freeze, thaw completely before use.  
Keep away from pets and children.  
Keep out of eyes and avoid prolonged exposure to skin.



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

## **Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing with a neutralizing eye wash.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Induce vomiting. Drink large quantity of milk. Immediately call a poison center or doctor/physician

## **Precautionary Statements - Storage**

Store locked up. Wear goggles if splashing may occur. High concentration of product on floor may be slippery. Use caution.

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

Dilute to a weak solution and flush down drain.

Saturated absorbent may be disposed in a landfill.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                                          | CAS No  | Weight-% |
|--------------------------------------------------------|---------|----------|
| Biodegradable anionic & non-ionic surfactants          | Mixture | <20      |
| Mixture of propylene glycol butoxy and glycol ether EB | Mixture | <4       |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## **4. FIRST-AID MEASURES**

### **First Aid Measures**

#### **Eye Contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a poison center or doctor/physician.

#### **Skin Contact**

Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

#### **Inhalation**

Remove to fresh air. Call a physician immediately.

#### **Ingestion**

Induce vomiting. Drink a large quantity of milk. Immediately call a poison center or doctor/physician.

### **Most important symptoms and effects**

#### **Symptoms**

### **Indication of any immediate medical attention and special treatment needed**

#### **Notes to Physician**

Treat symptomatically.



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water can be used to cool containers exposed to fire.

### **Unsuitable Extinguishing Media**

Not determined

### **Specific Hazards Arising from the Chemical**

Overheated drums may rupture because of steam.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

#### **Personal Precautions**

Use personal protective equipment as required.

#### **Environmental Precautions**

See Section 12 for additional Ecological Information

### **Methods and material for containment and cleaning up**

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so.

#### **Methods for Clean-Up**

Soak up with inert absorbent material. Neutralize residue with citric acid or other neutralizing agents for basic materials. Pick up and transfer to properly labeled containers. Clean up in accordance with all applicable regulations.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

#### **Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required. Do not breathe vapors or spray mist. Wash face, hands, and any exposed skin thoroughly after handling.

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

#### **Storage Conditions**

Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from freezing. If product freezes, allow to thaw completely prior to use. Store away from incompatible materials.

#### **Incompatible Materials**

Acids. Bleach. Ammonia.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Exposure Guidelines**

| Chemical Name                                          | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|--------------------------------------------------------|-----------|----------|------------|
| Biodegradable anionic and non-ionic surfactants        | NE        | NE       | NE         |
| Mixture of propylene glycol butoxy and glycol ether EB | NE        | NE       | NE         |



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

## Appropriate engineering controls

### Engineering Controls

Apply technical measures to comply with the occupational exposure limits. Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

## Individual protection measures, such as personal protective equipment

### Eye/Face Protection

Safety glasses. Ensure that eyewash stations and safety showers are close to workstation.

### Skin and Body Protection

Impervious clothing. Choose body protection according to the amount & concentration of the substance in the work place.

### Respiratory Protection

In case of vapor formation, use a respirator with an approved filter.

### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                              |                       |                  |                |
|------------------------------|-----------------------|------------------|----------------|
| Physical State               | Liquid                | Odor             | Pleasant       |
| Appearance                   | Clear Liquid          | Odor Threshold   | Not determined |
| Color                        | Clear                 | Remarks • Method |                |
| <u>Property</u>              | <u>Values</u>         |                  |                |
| pH                           | 8.5-9.5               |                  |                |
| Melting Point/Freezing Point | Not determined        |                  |                |
| Boiling Point/Boiling Range  | 100°C / 212°F         |                  |                |
| Flash Point                  | Non-flammable         |                  |                |
| Evaporation Rate             | Same as water         |                  |                |
| Flammability (Solid, Gas)    | Liquid-not applicable |                  |                |
| Upper Flammability Limits    | Not determined        |                  |                |
| Lower Flammability Limit     | Not determined        |                  |                |
| Vapor Pressure               | Same as water         |                  |                |
| Vapor Density                | 0.99 g/mg3            |                  |                |
| Specific Gravity             | Not determined        |                  |                |
| Water Solubility             | Completely soluble    |                  |                |
| Solubility in other solvents | Not determined        |                  |                |
| Partition Coefficient        | Not determined        |                  |                |
| Auto-ignition Temperature    | Not determined        |                  |                |
| Decomposition Temperature    | Not determined        |                  |                |
| Kinematic Viscosity          | Not determined        |                  |                |
| Dynamic Viscosity            | Not determined        |                  |                |
| Explosive Properties         | Not determined        |                  |                |
| Oxidizing Properties         | Not determined        |                  |                |

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable.



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

**Chemical Stability**

Stable under normal conditions

**Possibility of Hazardous Reactions**

Vapors may form explosive mixture with air. No decomposition if used as directed.

**Conditions to Avoid**

No data available.

**Incompatible Materials**

Oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Eye Contact** Vapors may cause irritation to the eyes.

**Skin Contact** May cause skin irritation and/or dermatitis.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not ingest.

**Component Information**

| Chemical Name                                 | Oral LD50                                                | Dermal LD50                                 | Inhalation LC50 |
|-----------------------------------------------|----------------------------------------------------------|---------------------------------------------|-----------------|
| Biodegradable anionic & non-ionic surfactants | Acute oral toxicity Acute toxicity estimate >5,000 mg/kg | May cause skin irritation and/or dermatitis | -               |

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Carcinogenicity** No data available.

**Numerical measures of toxicity**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---------------|----------------------|------|----------------------------|-----------|
|               |                      |      |                            |           |

## Persistence/Degradability

Readily biodegradable.

## Bioaccumulation

Not determined.

## Mobility

Not determined

## Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|---------------|-----------------------------------|
|               |                                   |

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Based on package size, product may be eligible for limited quantity exception.

### DOT

UN/ID No

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS

Proper Shipping Name

Hazard Class

Packing Group

### IATA

UN/ID No

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS

Proper Shipping Name

Hazard Class

Packing Group

### IMDG

UN/ID No

NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

Proper Shipping Name  
Hazard Class  
Packing Group

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------|------|-----|------|--------|--------|------|-------|------|-------|------|
|               |      |     |      |        |        |      |       |      |       |      |

#### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### CERCLA

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------|--------------------------|----------------|--------------------------|
|               |                          |                |                          |

#### SARA 313

Not determined

#### CWA (Clean Water Act)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------|-----------------------------|------------------------|---------------------------|----------------------------|
|               |                             |                        |                           |                            |

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---------------|------------|---------------|--------------|
|               |            |               |              |



# Safety Data Sheet

ISSUED: 12-JUN-2015

REVISION: 20-JAN-2026

VERSION: 1

## 16. OTHER INFORMATION

### NFPA

### Health Hazards

1

### Flammability

0

### Instability

0

### Special Hazards

Not determined

### HMIS

### Health Hazards

1

### Flammability

0

### Physical Hazards

0

### Personal Protection

Not determined

**Issue Date:**

12-June-2015

**Revision Date:**

20-Jan-2026

**Revision Note:**

New format

### Disclaimer

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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**