

Safety Data Sheet

Revision Date: 01-June-2022

Version 1



Issue Date: 01-Jun-2022

1. IDENTIFICATION

Product Identifier

Product Name PREVENTIVE MAINTENANCE FLUSH READY-TO-USE

Other means of identification

SDS # UC-026

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: 405-799-1127
Fax: 405-794-0747
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

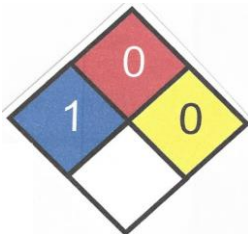
Appearance Clear

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 size containers. Protect from freezing. If allowed to freeze thaw completely before use. Keep away from pets and children. Keep out of eye and avoid prolonged exposure to skin.

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 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 . Obtain Medical Attention

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 dispose 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 & 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. Immediately call a poison center or doctor/physician.
Inhalation	Remove to fresh air.
Ingestion	Induce vomiting. Drink 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.
---------------------------	------------------------

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.
-----------------------------	---

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 & non ionic surfactants	NE	NE	NE
Mixture of propylene butoxy and Glycol ether EB	NE	NE	NE

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 the case of vapor formation use a respirator with an approved air filter..

General Hygiene Considerations

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Pleasant
Appearance	Liquid	Odor Threshold	Not determined
Color	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.5-9.5	

Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	100 °C
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	Not determined
Vapor Density	0.99 g/m ³
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

Chemical Stability

Stable under normal conditions

Possibility of Hazardous Reactions

Vapors may form explosive mixture with air. No decomposition if use 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: >5,000mg/kg	May cause skin irritation and /or dermatitis	-
Mixture of propylene glycol butoxy & glycol ether EB			-
			-

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.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea

Persistence/Degradability

Readily biodegradable.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Biodegradable anionic & non ionic surfactants	No data
Mixture of propylene glycol butoxy & glycol ether EB	No Data

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Dispose of in accordance with local regulations. Do not contaminate ponds ,waterways or Ditches with chemical or used container. Do not dispose of into sewer

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
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

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %

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

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	Not determined

Issue Date: 01-Jun-2022
 Revision Date: 01-Jun-2022
 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