

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Identifier:	Ultrafloc L
Product Form:	Mixture
Restrictions on Use:	No additional information available
Recommended Use:	Drilling Fluid Additive.
Supplier:	Bri-Chem Supply Ltd. 27075 Acheson Road Acheson, AB T7X 6B1
Phone Number:	780-962-9490
Emergency Phone:	CHEMTREC 1-800-424-9300, 24/7

Section 2: HAZARD(S) IDENTIFICATION

GHS US Classification: Serious eye damage/eye irritation, Category 2A. Causes serious eye irritation.

GHS Label Elements, Including Precautionary Statements

GHS US Labelling

Hazard Pictograms (GHS US):



Signal Word (GHS US): Warning

Hazard Statements (GHS US): Causes serious eye irritation.

Precautionary Statements (GHS US): Wash hands, forearms and face thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Hazards Which do not Result in Classification: No additional information available.

Unknown Acute Toxicity (GHS US): Not applicable

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Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances:	Not applicable		
Name	Product Identifier	%	
Distillates (petroleum), hydrotreated light	(CAS-No.) 64742-47-8	10 – 50	
Alcohols, C11-14-iso-, C13—rich, ethoxylated	(CAS-No.) 78330-21-9	< 5	

Full text of hazard classes and H-statements: see Section 16

Section 4: FIRST-AID MEASURES

First Aid Measures after Inhalation:	Remove person to fresh air and keep comfortable for breathing.
First Aid Measures after Skin Contact:	Wash skin with plenty of water.
First Aid Measures after Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First Aid Measures after Ingestion:	Call a poison control center or a doctor if you feel unwell.
Most Important Symptoms and Effects (Acute and Delayed)	
Symptoms/effects After Eye Contact:	Eye irritation
Immediate Medical Attention and Special Treatment, If Necessary:	Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media	
Suitable Extinguishing Media:	Water Spray. Dry powder. Foam. Carbon dioxide.
Specific Hazards Arising from the Chemical	
Hazardous Decomposition Products in Case of Fire:	Carbon monoxide. Hazardous combustion products may include but are not limited to: Carbon dioxide. Hydrogen cyanide. Nitric oxides (NOx).
Special Protective Equipment and Precautions for Fire-Fighters	
Protection During Firefighting:	Do not attempt to take action without suitable protective equipment. Self contained breathing apparatus. Complete protective clothing.

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Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not handle until all safety precautions have been read and understood. Eliminate every possible source of ignition.

For Non-Emergency Personnel

Emergency Procedures: Ventilate spillage area. Avoid contact with skin and eyes.

For Emergency Responders

Protective Equipment: Do not attempt to take action without suitable protective equipment. For further information refer to Section 8: "Exposure Controls/Personal Protection"

Environmental Precautions: Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up: Take up liquid spill into absorbent material.

Other Information: Dispose of materials or solid residues at an authorized site.

Reference to Other Sections: For further information refer to Section 13.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Ensure good ventilation of the workstation. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene Measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store in a well-ventilated place. Keep cool.

Heat and Ignition Sources: Keep away from sources of ignition – no smoking.

Storage Area: Protect from moisture. Protect from sunlight. Store away from heat.

Special Rules on Packaging: Store in a closed container.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Ultrafloc L: No additional information available.

Distillates (petroleum), hydrotreated light (64742-47-8): No additional information available.

Alcohols, C11-14-iso-, C13-rich, ethoxylated (78330-21-9): No additional information available.

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Appropriate Engineering Controls

Appropriate Engineering Controls: Ensure good ventilation of the work station.

Environmental Exposure Controls: Avoid release to the environment.

Individual Protection Measures/Personal Protective Equipment

Hand Protection: Protective gloves

Eye Protection: Safety glasses

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Personal Protective Equipment Symbol(s):



Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Viscous liqui
Colour:	Milky
Odour:	Mixture contains one or more component(s) which have the following odour: -
Odour Threshold:	No data available
pH:	5 – 8 (5 g/L)
Melting Point:	Not applicable
Freezing Point:	< 5°C
Boiling Point:	> 100°C
Flash Point:	No data available
Relative Evaporation Rate (Butylacetate=1):	No data available
Flammability (Solid, Gas):	Not applicable
Relative Vapour Density at 20°C:	No data available
Relative Density:	1 – 1.1
Solubility:	No data available
Partition Coefficient n-octanol/Water (Log Pow):	No data available

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Auto-Ignition Temperature:	No data available
Decomposition Temperature:	> 150°C
Viscosity, Kinematic:	> 20.5 mm ² /s at 40°C
Viscosity, Dynamic:	No data available
Explosive Limits:	No data available
Explosive Properties:	Not explosive
Oxidising Properties:	Product is not oxidizing
Other Information:	No additional information available

Section 10: STABILITY AND REACTIVITY

Reactivity:	This product is non- reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	No dangerous reactions known under normal conditions of use.
Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible Materials:	Oxidizing agent
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under fire conditions, hazardous fumes will be present. Decomposition products may include and not be limited to: Carbon monoxide. Carbon dioxide. Hydrogen cyanide. Nitric oxides (NOx).

Section 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity (Oral):	Not classified
Acute Toxicity (Dermal):	Not classified
Acute Toxicity (Inhalation):	Not classified
Alcohols, C11-14-iso-, C13-rich, Ethoxylated (78330-21-9)	
ATE US (Oral)	500 mg/kg bodyweight
Skin Corrosion/Irritation:	Not classified pH: 5 – 8 (5 g/L)
Serious Eye Damage/Irritation:	Causes serious eye irritation. pH: 5 – 8 (5 g/L)

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Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive Toxicity:	Not classified
STOT – Single Exposure:	Not classified
STOT – Repeated Exposure:	Not classified
Aspiration Hazard:	Not classified
Viscosity, Kinematic:	> 20.5 mm ² /s at 40°C
Symptoms/Effects After Eye Contact:	Eye irritation

Section 12: ECOLOGICAL INFORMATION

Ecology - General:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Persistence and Degradability:	No additional information available.
Bioaccumulative Potential:	No additional information available.
Mobility in Soil:	No additional information available.
Other Adverse Effects:	No additional information available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Methods	
Waste Treatment Methods:	Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14: TRANSPORT INFORMATION

Department of Transportation (DOT):	In accordance with DOT – Not applicable
Transportation of Dangerous Goods:	Not applicable
Transport by Sea:	Not applicable
Air Transport:	Not applicable

Section 15: REGULATORY INFORMATION

US Federal Regulations	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR 372.38(a) subject to the
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reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Distillates (Petroleum), Hydrotreated Light (64742-47-8)

SARA Section 311/312 Hazard Classes: Health Hazard – Aspiration hazard

Alcohols, C11-14-iso-, C13-rich, Ethoxylated (78330-21-9)

EPA TSCA Regulatory Flag: XU – XU – Indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
SARA Section 311/312 Hazard Classes: Health Hazard – Acute toxicity (any route of exposure)
Health Hazard – Serious eye damage or irritation

Canada

Distillates (Petroleum), Hydrotreated Light (64742-47-8): Listed on the Canadian DSL (Domestic Substances List).

Alcohols, C11-14-iso-, C13-rich, Ethoxylated (78330-21-9): Listed on the Canadian DSL (Domestic Substances List).

EU Regulations: -

National Regulations: No additional information available.

US State Regulations: California Proposition 65 – This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Section 16: OTHER INFORMATION

Disclaimer:

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

Prepared by: Bri-Chem Supply Ltd.

Revision Date: October 1, 2024