



SECTION 1. IDENTIFICATION

Product Identifier ULTRA FLOC L
Other Means of Identification Anionic water-soluble polymer in emulsion
Product Family Shale Control Inhibitor
Recommended Use Drilling Fluid Additive.
Supplier Prairie Mud Service, 738 6th Street, Estevan, SK S4A 1A4 306-634-3411

Emergency Phone No. 1-888-CAN-UTEC (226-8832) or (613) 996-6666 or * 666

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion/irritation - Category 2; Serious eye damage/eye irritation - Category 2B

GHS Label Elements



Signal Word:

WARNING!

Irritating to eyes and skin.

Other Hazards

Spills produce extremely slippery surfaces.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Anionic water-soluble polymer in emulsion			

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove to fresh air. If irritation develops or persists, seek medical attention.

Skin Contact

Wash off immediately with soap and plenty of water. In case of skin irritation, consult a physician.

Eye Contact

Rinse with plenty of water. If eye irritation persists, consult a specialist.

Ingestion

The product is not considered toxic based on studies on laboratory animals.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water, water spray, foam, dry powder, carbon dioxide (CO₂).

Unsuitable Extinguishing Media

Not applicable.

Specific Hazards Arising from the Chemical

Not applicable

Spills produce EXTREMELY slippery surfaces.

Special Protective Equipment and Precautions for Fire-fighters

No special protective equipment required.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

Environmental Precautions

Avoid contaminating water. It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities, clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

For good industrial hygiene, avoid contact with skin and eyes, avoid forming mist. Wash hands before breaks and at the end of the workday. Do not smoke while using product.

Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage

Keep in a dry, cool place (0 - 30°C). When preparing the working solution, ensure there is adequate ventilation. Freezing will affect the physical condition and may damage the material.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Individual Protection Measures

Eye/Face Protection

Safety glasses with side shields. Do not wear contact lenses.

Skin Protection

Rubber gloves are recommended. Chemical-resistant apron or protective suit if splashing or repeated contact with solution is likely.

Respiratory Protection

In case of insufficient ventilation and/or misty conditions, wear a NIOSH-approved organic filter respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance

Milky viscous liquid. Particle Size: Not applicable

Odour	Aromatic
Odour Threshold	Not available
pH	6 - 8
Melting Point/Freezing Point	Not applicable (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	Not applicable
Evaporation Rate	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	0.002 mm Hg at 20 °C
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not applicable
Solubility	Not available in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Not applicable (kinematic)
Other Information	
Physical State	Liquid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not available
Surface Tension	Not applicable
Critical Temperature	Not applicable
Electrical Conductivity	Not applicable
Vapour Pressure at 50 deg C	Not applicable
Saturated Vapour Concentration	Not applicable

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

Incompatible Materials

Oxidizing agents may cause exothermic reactions.

Hazardous Decomposition Products

Thermal decomposition may produce carbon oxides and nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 Oral Rat: > 5,000 mg/kg

Skin Corrosion/Irritation

May cause skin irritation with susceptible persons.

Serious Eye Damage/Irritation

May cause eye irritation with susceptible persons.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

The product is not expected to be toxic by inhalation.

Ingestion

The product is not considered toxic based on studies on laboratory animals.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Prolonged skin contact may defat the skin (dryness) and produce dermatitis (inflammation).

Respiratory and/or Skin Sensitization

The product is not expected to be sensitizing.

No information was located for: Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

LC50 Danio rerio/96 hr: > 100 mg/L (OECD 203)

IC50 Scenedesmus subspicatus/72 hr: >100 mg/L (OECD 201)

EC50 Daphnia magna/48 hr: > 100 mg/L (OECD 202)

Persistence and Degradability

Not readily biodegradable.

Bioaccumulative Potential

The product is not expected to bioaccumulate.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

In accordance with federal, provincial and local guidelines.

Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations.

Special Precautions for User Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

WHMIS Classification

Class D2B

D2B - Toxic (Skin irritant; Eye irritant)



Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All components of this product are listed on the DSL inventory.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 1** **Flammability - 1** **Instability - 0**

Phone No. 306-634-3411

Date of Preparation June 15, 2024

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