



### 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** Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com  
**Emergency Phone No.** 306-634-3411

### 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 (CO<sub>2</sub>).

#### 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

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

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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)**

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

## SECTION 16. OTHER INFORMATION

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

**SDS Prepared By**                Bri-Chem Supply Ltd

**Phone No.**                        (403) 252-5904

**Date of Preparation**            March 30, 2016

**Disclaimer**                        This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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