

# ULTRAPAC PLUS REGULAR

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	ULTRAPAC PLUS REGULAR
<b>Other Means of Identification</b>	Polyanionic Cellulose
<b>Product Family</b>	Fluid Loss Control Additive
<b>Recommended Use</b>	Drilling Fluid Additive.
<b>Supplier Identifier</b>	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
<b>Emergency Phone No.</b>	ChemTrec, (800) 424-9300, 24/7

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Aquatic hazard (Acute) - Category 3

### Label Elements

Hazard Statement(s):

Harmful to aquatic life.

Precautionary Statement(s):

Avoid release to the environment.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

### Other Hazards

Dust may form an explosive mixture with air and any source of ignition, e.g., flame or spark, will cause fire or explosion.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Polyanionic cellulose	9004-32-4	100	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If breathing has stopped, trained personnel should begin rescue breathing. Get medical attention if breathing difficulties continue.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Remove and launder contaminated clothing. Call a Poison Centre or doctor if you feel unwell.

#### Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water while holding the eyelid(s) open. Remove contact lenses, if worn, after initial flushing and continue flushing for at least 15 minutes. If eye irritation persists, get medical advice or attention.

### **Ingestion**

Give the patient a glass of water or milk to drink if ingested. Never give anything by mouth to an unconscious or convulsing victim. Immediately call a Poison Centre or doctor.

### **First-aid Comments**

If exposed or concerned, get medical advice or attention.

### **Most Important Symptoms and Effects, Acute and Delayed**

If in eyes:

May cause slight irritation as a "foreign object". Tearing, blinking and mild temporary pain may occur as particles are rinsed from the eye by tears.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

### **Specific Hazards Arising from the Product**

Avoid generating dust, particularly clouds of dust in a confined or unventilated space, as dust may form an explosive mixture with air and any source of ignition, e.g., flames or spark, will cause fire or explosion.

Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

### **Special Protective Equipment and Precautions for Fire-fighters**

Fight fire from a safe distance or a protected location. Cool surrounding equipment, fire-exposed containers and structures with water. Container areas exposed to direct flame contact should be cooled with large quantities of water to prevent weakening of container structure.

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Eliminate all ignition sources. Ventilate area. Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately. For large spills, dike far ahead of spill for later disposal. Do not release into sewers or waterways.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Only use where there is adequate ventilation. Avoid generating dusts. Avoid contact with skin, eyes and clothing. Wear personal protective equipment if contact is unavoidable. Discard contaminated clothing and shoes or thoroughly clean before re-use.

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

### **Conditions for Safe Storage**

Store in an area that is: cool, dry, well-ventilated. Keep container closed when not in use. Use good housekeeping in storage and use areas to prevent accumulation of dust in work areas.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

15 mg/m<sup>3</sup>.

### **Appropriate Engineering Controls**

Use process enclosures, local exhaust ventilation or other engineering controls to keep dust concentrations low and to reduce potential exposure.

## Individual Protection Measures

### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

### Skin Protection

Wear impervious protective clothing and boots as required to prevent contact.

### Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance</b>	White - Off-white powder. Particle Size: Not applicable
<b>Odour</b>	Odourless
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	6.5 - 8.0
<b>Melting Point/Freezing Point</b>	Not applicable (melting)
<b>Flash Point</b>	Not available
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Relative Density (water = 1)</b>	1.45
<b>Solubility</b>	Soluble in water; Not applicable (in other liquids)
<b>Auto-ignition Temperature</b>	Not applicable
<b>Other Information</b>	
<b>Physical State</b>	Solid
<b>Molecular Formula</b>	Not applicable
<b>Molecular Weight</b>	Not applicable
<b>Bulk Density</b>	Not applicable
<b>Critical Temperature</b>	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Ignition sources, dust generation, excess heat, strong oxidants.

### Incompatible Materials

Oxidizing Agents.

### Hazardous Decomposition Products

Thermal oxidative decomposition of polyanionic cellulose can produce carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact/absorption, inhalation of generated dust.

### Acute Toxicity

Rat, oral, LD50: > 5,000 mg/Kg

### Skin Corrosion/Irritation

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Mildly discomforting to the skin. Open cuts and abraded or irritated skin should not be exposed to this material. The material may accentuate any pre-existing

#### **Serious Eye Damage/Irritation**

Moderately discomforting to the eyes and is capable of causing a mild, temporary redness of the conjunctiva (similar to wind-burn), temporary impairment of vision and/or other transient eye damage/ulceration.

#### **STOT (Specific Target Organ Toxicity) - Single Exposure**

##### **Inhalation**

The dust may be discomforting to the upper respiratory tract.

##### **Ingestion**

Moderately discomforting to the gastrointestinal tract and may be harmful if swallowed in large quantity.

No information was located for: STOT (Specific Target Organ Toxicity) - Repeated Exposure, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## **SECTION 12. ECOLOGICAL INFORMATION**

No ecotoxicity or environmental fate data available.

## **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

## **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations.

**Special Precautions** 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 1988 Classification**

Not a WHMIS controlled product.

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

CAS# 9004-32-4 is listed on Canada's DSL List.

##### **Additional Canadian Regulatory Lists**

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

##### **USA**

##### **Toxic Substances Control Act (TSCA) Section 8(b)**

CAS# 9004-32-4 is listed on the TSCA 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 09, 2016

**Date of Last Revision**                      July 29, 2016

**Disclaimer**                                      This Health and Safety information is correct to the best of our knowledge and belief at the

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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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