ULTRAPAC PLUS LO VIS

SECTION 1. IDENTIFICATION

Product Identifier ULTRAPAC PLUS LO VIS

Other Means of Identification Polyanionic Cellulose

Product Family Fluid Loss Control Additive

Recommended Use Drilling Fluid Additive.

Supplier Identifier 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. 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.
Prevention:
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	Other Names
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/m³.

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

Appearance	White - Off-white powder. Particle Size: Not applicable
Odour	Odourless
Odour Threshold	Not applicable
pH	6.5 - 8.0
Melting Point/Freezing Point	Not applicable (melting)
Flash Point	Not available
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Relative Density (water = 1)	1.45
Solubility	Soluble in water; Not applicable (in other liquids)
Auto-ignition Temperature	Not applicable

Other Information

Physical State	Solid
Molecular Formula	Not applicable
Molecular Weight	Not applicable
Bulk Density	Not applicable
Critical Temperature	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

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	December 30, 2020
Date of Last Revision	December 30, 2020
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