Section 1: IDENTIFICATION

Product Information: Drispac® Polymer

Material: 1016806, 1016803, 1116045

Recommended Use: Drilling Mud Additive

Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
780-962-9490

Emergency Telephone: CHEMTREC 1-800-424-9300, 24/7

Section 2: HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture

This product has been classified in accordance with the hazard communication standard 29 CFR 1910. 1200; the SDS and labels contain all the information as required by the standard.

Classification: Combustible Dust

Labeling

Signal Word: Warning

Hazard Statements: May form combustible dust concentrations in air

Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms: Viscosifier, Water loss control agent

Component	CAS-No.	Weight %
Sodium Carboxymethylcellulose	9004-32-4	98 – 100%

Section 4: FIRST-AID MEASURES

General Advice: No hazards which require special first aid measures

If Inhaled: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In Case of Eye Contact: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

If Swallowed:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Section 5: FIRE-FIGHTING MEASURES

Flash Point:	Not applicable
Autoignition Temperature:	Not applicable
Unsuitable Extinguishing Media:	High volume water jet
Specific Hazards During Fire Fighting:	Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.
Special Protective Equipment and Precautions for Fire-Fighters:	Wear self-contained breathing apparatus for firefighting if necessary
Further Information:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire and Explosion Protection:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Provide appropriate exhaust ventilation at places where dust is formed.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid dust formation
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods for Cleaning Up:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Additional Advice:	Contaminated surfaces will be extremely slippery. Avoid spillage on floor as the product can become very slippery when wet. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Section 7: HANDLING AND STORAGE

Handling

Advice on Safe Handling:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient.
Advice on Protection Against Fire and Explosion:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Provide appropriate exhaust ventilation at places where dust is formed.

Storage

Requirements for Storage Areas and Containers:	Electrical installations/working materials must comply with the technological safety standards
Advice on Common Storage:	No materials to be especially mentioned
Use:	Drilling Mud Additive

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures:	Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the workplace when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal Protective Equipment

Respiratory Protection:	Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Dusts and Mists / P100. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Hand Protection:	The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Eye Protection:	Eye wash bottle with pure water. Safety glasses.
Skin and Body Protection:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate: Protective suit. Safety shoes.
Hygiene Measures:	General industrial hygiene practice

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance

Form:	Powder
Physical State:	Solid
Color:	White to off-white
Odor:	Slight
Odor Threshold:	No data available

Safety Data

Flash Point:	Not applicable
Lower Explosion Limit:	Not applicable
Upper Explosion Limit:	Not applicable
Flammability (Solid, Gas):	May form combustible dust concentrations in air
Oxidizing Properties:	No
Autoignition Temperature:	Not applicable
Thermal Decomposition:	No data available
Molecular Weight:	No data available
pH:	Not applicable
Pour Point:	No data available
Melting Point/Range:	No data available
Vapor Pressure:	Not applicable
Relative Density:	Not applicable

Density:	1.5 g/cm³
Water Solubility:	Completely soluble
Partition coefficient: n-octanol/water:	No data available
Solubility in Other Solvents:	No data available
Viscosity, Kinematic:	No data available
Relative Vapor Density:	Not applicable
Evaporation Rate:	No data available

Section 10: STABILITY AND REACTIVITY

Reactivity:	Stable at normal ambient temperature and pressure
Chemical Stability:	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of Hazardous Reactions

Hazardous Reactions:	Further information: Stable under recommended storage conditions., No hazards to be specially mentioned.
Conditions to Avoid:	Generation of dust
Materials to Avoid:	No data available
Thermal Decomposition:	No data available
Other Data:	No decomposition if stored and applied as directed

Section 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity

Sodium Carboxymethylcellulose:	LD50: 27,000 mg/kg Species: Rat

Acute Inhalation Toxicity

Sodium Carboxymethylcellulose:	LC50: > 5800 mf/m3 Exposure time: 4 h Species: Rat Test atmosphere: dust/mist

Drispac® (Regular and Superlo®) Polymer

Further Information:	No data available

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity Effects

Toxicity to Fish:	This material is not expected to be harmful to aquatic organisms
Toxicity to Daphnia and other Aquatic Invertebrates:	This material is not expected to be harmful to aquatic organisms
Toxicity to Algae:	This material is not expected to be harmful to aquatic organisms

Biodegradability

Sodium Carboxymethylcellulose:	This material is expected to be readily biodegradable

Bioaccumulation

Sodium Carboxymethylcellulose:	This material is not expected to bioaccumulate

Mobility

Sodium Carboxymethylcellulose:	No data available
Additional Ecological Information:	No data available

Ecotoxicology Assessment

Short-term (Acute) Aquatic Hazard

Sodium Carboxymethylcellulose:	This material is not expected to be harmful to aquatic organisms

Long-term (Chronic) Aquatic Hazard

Sodium Carboxymethylcellulose:	This material is not expected to be harmful to aquatic organisms

Section 13: DISPOSAL CONSIDERATIONS

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Contaminated Packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal

Section 14: TRANSPORT INFORMATION

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (United States Department of Transportation):	Not regulated as a hazardous material or dangerous goods for transportation by this agency
IMO / IMDG (International Maritime Dangerous Goods):	Not regulated as a hazardous material or dangerous goods for transportation by this agency
IATA (International Air Transport Association):	Not regulated as a hazardous material or dangerous goods for transportation by this agency
ADR (Agreement on Dangerous Goods by Road (Europe)):	Not regulated as a hazardous material or dangerous goods for transportation by this agency
RID (Regulations Concerning the International Transport of Dangerous Goods (Europe)):	Not regulated as a hazardous material or dangerous goods for transportation by this agency
AND (European Agreement Concerning The International Carriage of Dangerous Goods by Inland Waterways):	Not regulated as a hazardous material or dangerous goods for transportation by this agency

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

Section 15: REGULATORY INFORMATION

National Legislation

SARA 311/312 Hazards:	Combustible dust
CERCLA Reportable Quantity:	This material does not contain any components with a CERCLA RQ
SARA 302 Reportable Quantity:	This material does not contain any components with a SARA 302 RQ
SARA 302 Threshold Planning Quantity:	This material does not contain any components with a EHS TPQ
SARA 304 Reportable Quantity:	This material does not contain any components with a EHS RQ
SARA 313 Components:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

Ozone-Depletion Potential:	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

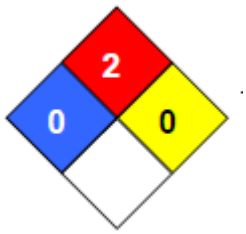
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):	Sodium Carboxymethylcellulose - 9004-32-4
Pennsylvania Right to Know:	Sodium Carboxymethylcellulose - 9004-32-4
California Prop. 65 Components:	This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Notification Status

Europe REACH:	This product is in full compliance according to REACH regulation 1907/2006/EC.
Switzerland CH INV:	Not in compliance with the inventory
Unites States of America (USA) TSCA:	On or in compliance with the active portion of the TSCA Inventory
Canada DSL:	All components of this product are on the Canadian DSL
Australia AICS:	On the inventory, or in compliance with the inventory
New Zealand NZIoC:	On the inventory, or in compliance with the inventory
Japan ENCS:	On the inventory, or in compliance with the inventory
Korea KECI:	A substance(s) in this product was not registered, notified to be registered, or exempted from registration by CPChem according to K-REACH regulations. Importation or manufacture of this product is still permitted provided the Korean Importer of Record has themselves notified the substance.
Philippines PICCS:	On the inventory, or in compliance with the inventory
China IECSC:	On the inventory, or in compliance with the inventory
Taiwan TCSI:	On the inventory, or in compliance with the inventory

Section 16: OTHER INFORMATION

NFPA Classification: Health Hazard: 0
Fire Hazard: 2
Reactivity Hazard: 0



Further Information

Legacy SDS Number: 25950

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

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: June 5, 2024