

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: Magma Fiber
Other Means of Identification: Vitreous Fiber
Product Family: Lost Circulation Material
Recommended Use: Drilling Fluid Additive
Manufacturer/Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
Phone Number: 780-962-9490
Emergency Phone: CHEMTREC 1-800-424-9300

Section 2: HAZARD(S) IDENTIFICATION

Classification: Not classified under any hazard class.
Label Elements: Not applicable

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Mineral Fiber	65997-17-3	100		

Section 4: FIRST-AID MEASURES

First-aid Measures

Inhalation: Move to fresh air. Should the patient feel unwell, get prompt medical attention.

Skin Contact: Wash with soap and water. If adverse symptoms develop, seek medical attention.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. If adverse symptoms develop, seek medical attention.

Ingestion: Get medical attention

Immediate Medical Attention and Special Treatment

Special Instructions: Treatment should be directed to control of symptoms and the clinical condition. Pre-existing respiratory problems may be aggravated by dust exposure.

Section 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:	Does not burn or support combustion.
Specific Hazards Arising from The Product:	This material is not combustible. No hazardous combustion products known.

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.
Methods and Materials for Containment and Cleaning Up:	Use appropriate safety equipment. Small spill: sweep up and put into approved DOT containers for disposal or re-use. Large spill: DO NOT allow to enter waterways; sweep or shovel into approved DOT containers for disposal or re-use.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid ingestion. Avoid contact with skin and eyes. Practice reasonable caution and personal cleanliness. Handle in accordance with good industrial hygiene and safety practice. It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

(Mineral Fiber)

ACGIH®:	American Conference of Governmental Industrial Hygienists
TLV®:	Threshold Limit Value
TWA:	Time-Weighted Average 5mg/m ³
OSHA:	US Occupational Safety and Health Administration
PEL:	Permissible Exposure Limits
TWA:	Time-Weighted Average 5mg/m ³
Appropriate Engineering Controls:	Provide mechanical ventilation to prevent dust concentrations and to reduce potential exposure.
Individual Protection Measures	
Skin Protection:	Wear chemical protective clothing e.g. gloves, aprons and boots.
Respiratory Protection:	A NIOSH-approved dust respirator is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**Basic Physical and Chemical Properties**

Appearance:	Grey – tan fibres. Particle size: not available
Odour:	Mild
Odour Threshold:	Not applicable
pH:	7.0 – 8.0
Melting Point/Freezing Point:	1315°C (Melting); Not applicable (freezing)
Initial Boiling Point/Range:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Not applicable
Upper/Lower Flammability or Explosive Limit:	Not applicable (upper); Not applicable (lower)
Vapour Pressure:	Not applicable
Vapour Density (Air=1):	Not applicable
Relative Density (Water=1):	2.6
Solubility:	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow):	Not applicable
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	Not applicable (kinematic)
Other Information	
Physical State:	Solid
Molecular Formula:	Not applicable
Molecular Weight:	Not applicable
Bulk Density:	Not available
Surface Tension:	Not applicable
Critical Temperature:	Not applicable
Vapour Pressure at 50°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:	Acids. Gives off hydrogen sulfide under certain conditions.
Hazardous Decomposition Products:	None known

Section 11: TOXICOLOGICAL INFORMATION

The components of this product are primarily mineral fibre. During application or when dusty conditions exist, mineral fibre dust may cause mechanical irritation to the skin, eyes or respiratory tract.

Likely Routes of Exposure:	Skin contact; eye contact; inhalation.
Skin Corrosion/Irritation:	This material is not chemically harmful. If it gets on the skin and is not immediately washed off, direct contact of dust and especially mineral fibres can cause skin irritation and itchiness.
Serious Eye Damage/Irritation:	Particles may cause mechanical irritation.

STOT (Specific Target Organ Toxicity) – Single Exposure

Inhalation:	May cause irritation of the nose, throat, lungs and respiratory passages.
Ingestion:	No known effects
Respiratory and/or Skin Sensitization:	None known

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

Section 12: ECOLOGICAL INFORMATION

No ecotoxicity or environmental fate data is available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government guidelines.
--------------------------	--

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:



Class D2B – Toxic (Skin irritant; Eye irritant)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

Section 16: OTHER INFORMATION

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: July 15, 2024