

SECTION 1. IDENTIFICATION

Product Identifier	MAGMA FIBER FINE
Other Means of Identification	Vitreous Fiber
Product Family	Lost Circulation Material
Recommended Use	Drilling Fluid Additive.
Supplier Identifier	Prairie Mud Service 738 6th Street Estevan, SK Canada S4A 1A4
Emergency Phone No.	(306) 634-3411

SECTION 2. HAZARD IDENTIFICATION



Class D2B

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 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. Use extinguishing agent suitable for surrounding fire.

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. 5 mg/m³

OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. TWA = Time-Weighted Average. 5 mg/m³.

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 deg 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 ichiness.

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

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 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



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SECTION 16. OTHER INFORMATION

SDS Prepared By Prairie Mud Service

Phone No. (306) 634-3411

Date of Preparation June 2, 2021

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