

# MAGMA FIBER FINE

## SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	MAGMA FIBER FINE
<b>Other Means of Identification</b>	Vitreous Fiber
<b>Product Family</b>	Lost Circulation Material
<b>Recommended Use</b>	Drilling Fluid Additive.
<b>Supplier</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. HAZARDS IDENTIFICATION

### GHS Classification

Not classified under any GHS hazard classes.

### GHS Label Elements

Not applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
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

### Suitable Extinguishing Media

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Does not burn or support combustion. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Chemical

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/m<sup>3</sup>

OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. TWA = Time-Weighted Average. 5 mg/m<sup>3</sup>.

### 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

<b>Appearance</b>	Grey - tan fibres. Particle Size: Not available
<b>Odour</b>	Mild
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	7.0 - 8.0
<b>Melting Point/Freezing Point</b>	1315 °C (melting); Not applicable (freezing)
<b>Initial Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (air = 1)</b>	Not applicable

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<b>Relative Density (water = 1)</b>	2.6
<b>Solubility</b>	Insoluble in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not applicable
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not applicable (kinematic)
<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 available
<b>Surface Tension</b>	Not applicable
<b>Critical Temperature</b>	Not applicable
<b>Vapour Pressure at 50 deg C</b>	Not applicable
<b>Saturated Vapour Concentration</b>	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

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 for User** 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 Classification



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 16. OTHER INFORMATION

**SDS Prepared By** Bri-Chem Supply Ltd

**Phone No.** (403) 252-5904

**Date of Preparation** February 11, 2016

### Disclaimer

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