

SAFETY DATA SHEET

## Section 1: IDENTIFICATION

**Product Identifier:** Floor Dry

**Other Means of Identification:** Specialty Oil Mud Product

**Product Family:** Absorbent

**Recommended Use:** Drilling Fluid Additive

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

**24 Hour Emergency:** CHEMTREC (800) 424-9300, 24/7

## Section 2: HAZARD(S) IDENTIFICATION

**Classification:** Specific target organ toxicity (repeated exposure) – Category 2.

**Label Elements**



**Signal Word:** Warning

**Hazard Statement(s):** May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statement(s)**

**Prevention:** Do not breathe dust/fume/gas/mist/vapours/spray.

**Response:** Get medical advice or attention if you feel unwell.

**Disposal:** Dispose of contents and container in accordance with local, regional, national and international regulations.

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Diatomaceous earth, uncalcined	61790-53-2	65		
Silica, quartz	14808-60-7	< 1.0		

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**Section 4: FIRST-AID MEASURES**

**First-Aid Measures**

- Inhalation:** Move to fresh air. If breathing has stopped, administer CPR and seek medical attention.
- Skin Contact:** Wash with soap and water. If irritation develops and persists, seek medical attention. Launder contaminated clothing before re-use.
- Eye Contact:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes, while holding the eyelid(s) open. If adverse symptoms develop, seek medical attention.
- Ingestion:** If conscious, give 2-4 glasses of water to drink but DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing victim. Get medical attention.

**Most Important Symptoms and Effects Both Acute and Delayed**

- If in Eyes:** May cause mild irritation.

**Section 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**

- Suitable Extinguishing Media:** Use extinguishing agent suitable for surrounding fire.

- Specific Hazards Arising from The Product:** None known

- Special Protective Equipment and Precautions for Firefighters:** 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 spilled material and/or runoff from entering waterways, drains and sewers.
- Methods and Materials for Containment and Cleaning Up:** Vacuum, wet sweep or wash away. Avoid generating dust.

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## Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Avoid generating dusts. Repair or properly dispose of broken bags. Use wet process or enclosed handling. 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.
<b>Conditions for Safe Storage:</b>	Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials.

## Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### (Silica, quartz)

<b>ACGIH ®:</b>	American Conference of Government Industrial Hygienists
<b>TLV ®:</b>	Threshold Limit Value
<b>TWA:</b>	Time-Weighted Average. Respirable fraction
<b>OSHA:</b>	US Occupational Safety and Health Administration
<b>PEL:</b>	Permissible Exposure Limits
<b>Respirable Quartz:</b>	10 mg/m <sup>3</sup> divided by the value of "%SiO <sub>2</sub> + 2"
<b>Total Quartz:</b>	30 mg/m <sup>3</sup> divided by the value of "%SiO <sub>2</sub> + 2"

### (Diatomaceous earth)

<b>OSHA:</b>	US Occupational Safety and Health Administration.
<b>PEL:</b>	Permissible Exposure Limits.
<b>TWA:</b>	Time-Weighted Average 15 mg/m <sup>3</sup>
<b>Appropriate Engineering Controls:</b>	Provide mechanical ventilation to prevent dust concentrations and to reduce potential exposure.

### Individual Protection Measures

<b>Eye/Face Protection:</b>	Wear chemical resistant safety goggles.
<b>Skin Protection:</b>	Chemical resistant clothing such as gloves and apron are recommended.
<b>Respiratory Protection:</b>	Wear a NIOSH-approved dust respirator for silica-bearing dusts.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

<b>Appearance:</b>	White – Off-white granules. Particle size: Not available
<b>Odour:</b>	Odourless
<b>pH:</b>	5 – 6

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Flash Point:	Not applicable
Evaporation Rate:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density (Air=1):	Not applicable
Relative Density (Water=1):	Not applicable
Solubility:	Insoluble in water; Not applicable (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow):	Not applicable
Decomposition Temperature:	Not applicable
Viscosity:	Not applicable (kinematic)
Other Information	
Physical State:	Solid
Bulk Density:	Not applicable
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:	Hydrofluoric acid

### Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Skin contact; eye contact; inhalation; ingestion.
Skin Corrosion/Irritation:	Possible drying resulting in dermatitis. No adverse effects expected.
Serious Eye Damage/Irritation:	May cause mild irritation. Contact may cause mechanical irritation. Individuals subject to eye irritation should not be exposed to crystalline silica dust.

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**STOT (Specific Target Organ Toxicity) – Single Exposure**

<b>Inhalation:</b>	May cause irritation of respiratory tract resulting in a dry cough
<b>Ingestion:</b>	No adverse effects expected for normal, incidental ingestion.
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	The product has the potential for dust generation during handle and use. Dust may contain respirable crystalline silica. May lead to the development of silicosis or other respiratory problems. Persistent dry cough, throat irritation and laboured breathing on exertion are symptomatic. Exposure may aggravate existing upper respiratory tract diseases such as asthma, bronchitis or emphysema.
<b>Carcinogenicity:</b>	Contains free silica, a possible carcinogen.
<b>No Information Located For:</b>	Respiratory and/or Skin Sensitization, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects.

**Section 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity:</b>	No ecotoxicity or environmental data available.
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**Section 13: DISPOSAL CONSIDERATIONS**

<b>Disposal Methods:</b>	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.
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**Section 14: TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations

<b>Special Precautions:</b>	Not applicable
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<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable
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**Section 15: REGULATORY INFORMATION**

**Safety, Health and Environmental Regulations**

Canada

<b>WHMIS 1988 Classification:</b>	Not a WHMIS controlled product. 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.
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## SAFETY DATA SHEET

**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.

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