

Section 1: Product & Company Information

Product Name: Floor Dry
Chemical Family: Silica
Product Use: Drilling Mud Additive

Workplace Hazardous Materials Information Systems Data (WHMIS):

	Class ID	Class	Workplace Hazard
	None	Not a Controlled Product	

Manufacturer Name: Bri-Chem Supply Ltd.
Address: #15, 53016 Hwy 60, Acheson, AB T5X 5A7 Canada
General Phone Number: (780) 455-8667
General Fax Number: (780) 451-4420
MSDS Revision Date: January 1, 2008
Supercedes: January 1, 2005
Prepared By: Bri-Chem Supply Ltd.
Preparer's Phone: (780) 455-8667

Section 2: Composition/Information on Ingredients

Chemical Name	Concentration	CAS#
Crystalline Silica, Quartz	< 1%	14808-60-7
Diatomaceous Earth	65%	61790-53-2

Section 3: Hazards Identification

Emergency Overview: Not Available

Routes of Entry:

Skin Contact: Yes
Skin Absorption: No
Eye Contact: Yes
Inhalation: Yes
Ingestion: No

Potential Health Effects:

Skin:	Possible drying, resulting in dermatitis.
Eye:	Irritating to the eyes.
Inhalation:	Irritating to respiratory tract.
Ingestion:	No adverse effects

Section 4: First Aid Measures

Eye Contact:	Flush eyes with water, for at least 15 minutes. If adverse symptoms develop, seek medical attention.
Skin Contact:	Wash with soap and water. If irritation develops or persists, seek medical attention. Contaminated clothing should be laundered before re-use.
Inhalation:	Remove patient to fresh air. If breathing has stopped, administer artificial respiration, and seek medical attention.
Ingestion:	If conscious, give 2 to 4 glasses of water to drink. DO NOT induce vomiting. Seek medical attention. Do not give anything by mouth to an unconscious or convulsing person.
Other First Aid:	Not Available

Section 5: Fire Fighting Measures

Conditions Of Flammability:	None
Extinguishing Media:	N/A
Flashpoint:	N/A
Upper Flammable Limit:	N/A
Lower Flammable Limit:	N/A
Autoignition Temperature:	N/A
Protective Equipment:	None
Sensitivity To Impact or Static Discharge:	None
Hazardous Combustion Products:	N/A
Fire Comment:	

Section 6: Accidental Release Measures

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Spill Cleanup Measures:	Vacuum, wet sweep, or wash away. Avoid creating dust.

Section 7: Handling & Storage

Handling: Avoid creating dust. Repair or properly dispose of broken bags. Use wet process or enclosed handling.

Storage: Store in a cool, dry, well ventilated place. Keep container tightly closed and away from incompatible materials.

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: Provide mechanical ventilation to prevent dust concentrations, and to reduce potential exposure.

Personal Protective Equipment: Chemical-resistant clothing is recommended, including gloves, apron, and goggles.

Respiratory Protection: Recommend NIOSH-approved dust respirator for silica bearing dusts.

Exposure Limits: Total dust = 15 mg/m³ Silica = 0.1 mg/m³

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
Crystalline Silica, Quartz	0.05 mg/m ³	0.1 mg/m ³
Diatomaceous Earth	Not Available	15 mg/m ³

Section 9: Physical & Chemical Properties

Physical State: Solid

Odour And Appearance: White to off-white powder, granules; odourless

Odour Threshold: N/A

Boiling Point: N/A

Evaporation Rate: N/A

Melting Point: N/A

Freezing Point: N/A

Specific Gravity: 1.8

Solubility in Water: Insoluble

Vapour Density: N/A

Vapour Pressure: N/A

pH: 5 - 6

Flash Point: N/A

Volatility (% by volume): Not available.

Coefficient of Water to Oil distribution: N/A

Section 10: Stability & Reactivity

Chemical Stability:	Yes
Hazardous Polymerization:	Will not occur.
Conditions Of Chemical Instability:	
Incompatible Substances:	Hydrofluoric acid
Special Decomposition Products:	Not Available

Section 11: Toxicological Information

Chemical Name	LD ₅₀ (Oral Rat)	LD ₅₀ (Dermal Rabbit)	LC ₅₀ (Inhalation Rat)
Crystalline Silica, Quartz	Not Available	Not Available	Not Available
Diatomaceous Earth	Not Available	Not Available	Not Available

Effects Of Acute Exposure: May cause irritation of respiratory tract, resulting in dry cough.

Effects Of Chronic Exposure: 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.

General Irritancy Of Product:

Sensitization: Not available.

Carcinogenicity: Contains free silica, a possible carcinogen.

Reproductive Toxicity: Not available.

Teratogenicity: Not available.

Embryotoxicity: Not Available

Mutagenicity: Not available.

Synergistic Products: Not available.

Section 12: Ecological Information

Ecotoxicity: Not Available

Environmental Fate: Not Available

Section 13: Disposal Considerations

Waste Disposal: All waste should be disposed of according to federal, provincial and local regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.

Section 14: Transport Information

TDG Classification: Not applicable.

DOT UN Number: Not applicable.

Shipping Notes: None

Section 15: Regulatory Information

Workplace Hazardous Materials Information Systems Data (WHMIS):

	Class ID	Class	Workplace Hazard
	None	Not a Controlled Product	

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Section 16: Additional Information

MSDS Revision Date: January 1, 2008

MSDS Revision Notes:

MSDS Author: Bri-Chem Supply Ltd.

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