

Section 1: Product & Company Information

Product Name: Gilsonite High Temp
Chemical Family: Gilsonite
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#
No Hazardous Ingredients		

Section 3: Hazards Identification

Emergency Overview: Not Available

Routes of Entry:

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

Potential Health Effects:

Skin:	Not available.
Eye:	Not expected to be chemically irritating, but dust in eyes may be abrasive.
Inhalation:	Should not be an irritant to respiratory tract at airborne concentrations below 5 mg/m ³ .
Ingestion:	Not expected to be acutely toxic by ingestion.

Section 4: First Aid Measures

Eye Contact:	Flush eyes with running water for at least 15 minutes. If adverse symptoms develop, seek medical attention.
Skin Contact:	Wash with soap and water. If adverse symptoms develop, seek medical attention.
Inhalation:	If respiratory irritation or discomfort is experienced, move to fresh air. If condition persists, seek medical attention.
Ingestion:	Not required, as this material should not be an acute ingestion problem.
Other First Aid:	Not Available

Section 5: Fire Fighting Measures

Conditions Of Flammability:	Not available.
Extinguishing Media:	Dry chemical, CO ₂ , foam, water
Flashpoint:	315°C
Upper Flammable Limit:	Not available.
Lower Flammable Limit:	
Autoignition Temperature:	No data available
Protective Equipment:	Firefighters must wear appropriate breathing apparatus and clothing.
Sensitivity To Impact or Static Discharge:	No data available.
Hazardous Combustion Products:	Combustion forms CO ₂ and water vapour, and may produce NO _x . Incomplete combustion can produce carbon monoxide (CO).
Fire Comment:	Dust explosivity limit = 20 oz/1000ft ³

Section 6: Accidental Release Measures

Personnel Precautions: Use proper personal protective equipment as listed in section 8.

Spill Cleanup Measures: Clean up spills immediately, observing precautions in Preventative Measures (Section 7).

Section 7: Handling & Storage

Handling: Safe handling practices should be observed.

Storage: Dusts are subject to combustion or explosion upon contact with sparks, open flames, or temperatures in excess of 535°C. Any potential source of sparking or ignition should be removed. Where long term exposure to vapours, distillates, or solids, resulting from heating to temperatures above 288°C can be anticipated, protective clothing and respiratory equipment are recommended.

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: Not available.

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

Respiratory Protection: In absence of proper ventilation, use of an approved dust mask is advised.

Exposure Limits: Dust presents no more hazard than any common dust. An exposure limit of 5 mg/m³ has been established for a worker who spends 8 hours in such an atmosphere. At greater levels than this, special precautions should be taken or exposure times reduced.

Chemical Name	ACGIH TLV-TWA	OSHA PEL-TWA
No Hazardous Ingredients		

Section 9: Physical & Chemical Properties

Physical State: Solid

Odour And Appearance: Black powder or granules

Odour Threshold: Not available.

Boiling Point: Not available.

Evaporation Rate: Not available.

Melting Point: 205°C

Freezing Point: Not available.

Specific Gravity: 1.05-1.08 @ 15/15°C

Solubility in Water:	Soluable
Vapour Density:	Not available.
Vapour Pressure:	Not available.
pH:	Not available.
Flash Point:	315°C
Volatility (% by volume):	2% @ 163°C for 5 hours
Coefficient of Water to Oil distribution:	Not available.

Section 10: Stability & Reactivity

Chemical Stability:	Yes
Hazardous Polymerization:	Will not occur.
Conditions Of Chemical Instability:	
Incompatible Substances:	May react with strong oxidizing materials.
Special Decomposition Products:	CO, CO ₂ , NO _x

Section 11: Toxicological Information

Chemical Name	LD ₅₀ (Oral Rat)	LD ₅₀ (Dermal Rabbit)	LC ₅₀ (Inhalation Rat)
No Hazardous Ingredients			

Effects Of Acute Exposure:	None known.
Effects Of Chronic Exposure:	None known.
General Irritancy Of Product:	Treat as a nuisance dust.
Sensitization:	Not available.
Carcinogenicity:	Not available.
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 in accordance 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 regulated.

DOT UN Number: N/A

Shipping Notes: Not available.

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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