


## Section 1: Product & Company Information

**Product Name:** Gypsum  
**Chemical Family:** Calcium Sulphate  
**Product Use:** Drilling Mud Additive

### Workplace Hazardous Materials Information Systems Data (WHMIS):

Class ID	Class	Workplace Hazard
	None	Not a Controlled Product

**Manufacturer Name:** HiTech Fluid Systems  
**Address:** #1800, 505 3rd Street SW, Calgary, AB T2P 3E6 Canada  
**General Phone Number:** (403)547-2906  
**General Fax Number:** (403)547-3129  
**MSDS Revision Date:** June 1, 2008  
**Supercedes:** June 23, 2005  
**Prepared By:** HiTech Fluid Systems  
**Preparer's Phone:** (403)547-2906

## Section 2: Composition/Information on Ingredients

Chemical Name	Concentration	CAS#
No Hazardous Ingredients		

## Section 3: Hazards Identification

### Emergency Overview:

### Routes of Entry:

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

**Potential Health Effects:**

<b>Skin:</b>	N/A
<b>Eye:</b>	Mild irritant
<b>Inhalation:</b>	Mild irritant at high concentrations.
<b>Ingestion:</b>	Not available

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**Section 4: First Aid Measures**

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<b>Eye Contact:</b>	Flush eyes with water for at least 15 minutes. If adverse symptoms develop, seek medical attention.
<b>Skin Contact:</b>	Wash with soap and water. If adverse symptoms develop, seek medical attention.
<b>Inhalation:</b>	Remove patient to fresh air. If breathing has stopped, administer artificial respiration, and seek medical attention.
<b>Ingestion:</b>	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:**

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**Section 5: Fire Fighting Measures**

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<b>Conditions Of Flammability:</b>	None known.
<b>Extinguishing Media:</b>	Dry chemical, CO <sub>2</sub> , foam, water
<b>Flashpoint:</b>	Not available
<b>Upper Flammable Limit:</b>	Not available
<b>Lower Flammable Limit:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Protective Equipment:</b>	Firefighters must wear appropriate breathing apparatus and clothing.
<b>Sensitivity To Impact or Static Discharge:</b>	N/A
<b>Hazardous Combustion Products:</b>	None known.
<b>Fire Comment:</b>	

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**Section 6: Accidental Release Measures**

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<b>Personnel Precautions:</b>	Use proper personal protective equipment as listed in section 8.
<b>Spill Cleanup Measures:</b>	Treat like sand. Material is not water-soluble.

## Section 7: Handling & Storage

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**Handling:** N/A

**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

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**Engineering Controls:** Local exhaust or other ventilation to keep exposures below recommended levels.

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

**Respiratory Protection:** In absence of proper ventilation, recommended NIOSH-approved dust respirator.

**Exposure Limits:** TLV -10mg/mm<sup>3</sup> (ACGIH)

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

## Section 9: Physical & Chemical Properties

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**Physical State:** Solid

**Odour And Appearance:** Gray powder or granules; odourless

**Odour Threshold:** N/A

**Boiling Point:** N/A

**Evaporation Rate:** N/A

**Melting Point:** 1559.85°C

**Freezing Point:** N/A

**Specific Gravity:** 2.96

**Solubility in Water:** Insoluble

**Vapour Density:** N/A

**Vapour Pressure:** N/A

**pH:** Not available

**Flash Point:** Not available

**Volatility (% by volume):** N/A

**Coefficient of Water to Oil distribution:** N/A

## Section 10: Stability & Reactivity

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<b>Chemical Stability:</b>	Yes
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions Of Chemical Instability:</b>	Not available
<b>Incompatible Substances:</b>	Not available
<b>Special Decomposition Products:</b>	Not available.

## Section 11: Toxicological Information

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Chemical Name	LD <sub>50</sub> (Oral Rat)	LD <sub>50</sub> (Dermal Rabbit)	LC <sub>50</sub> (Inhalation Rat)
No Hazardous Ingredients			

<b>Effects Of Acute Exposure:</b>	None known.
<b>Effects Of Chronic Exposure:</b>	None known.
<b>General Irritancy Of Product:</b>	Treat as a nuisance dust.
<b>Sensitization:</b>	Not available
<b>Carcinogenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>Teratogenicity:</b>	Not available
<b>Embryotoxicity:</b>	Not Available
<b>Mutagenicity:</b>	Not available
<b>Synergistic Products:</b>	Not available

## Section 12: Ecological Information

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<b>Ecotoxicity:</b>	Not Available
<b>Environmental Fate:</b>	Not Available

## Section 13: Disposal Considerations

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<b>Waste Disposal:</b>	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.
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## Section 14: Transport Information

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**TDG Classification:** Not regulated  
**DOT UN Number:** Not available  
**Shipping Notes:** No special requirements

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## Section 15: Regulatory Information

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### 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.

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## Section 16: Additional Information

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**MSDS Revision Date:** June 1, 2008  
**MSDS Revision Notes:**  
**MSDS Author:** HiTech Fluid Systems

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