
Section 1: Product & Company Information

Product Name: Aquasorb
Chemical Family: Super-Absorbent Polyacrylamide
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: March 24, 2010
Supercedes: January 1, 2008
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:**Routes of Entry:**

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

Potential Health Effects:

Skin:	May cause slight transient irritation.
Eye:	Dusts may cause irritation.
Inhalation:	Mists and dusts may cause upper respiratory tract irritation.
Ingestion:	Low acute oral toxicity. May cause nausea and vomiting.

Section 4: First Aid Measures

Eye Contact:	Flush eyes with a gentle stream of warm water for at least 15 minutes. If irritation or abnormalities develop or persist, seek medical attention.
Skin Contact:	Wash exposed area with soap and water. If irritation or abnormalities develop or persist, seek medical attention.
Inhalation:	Inhalation is not an expected route of exposure. If respiratory distress occurs, move patient to fresh air. Seek medical attention if respiratory irritation or distress continues.
Ingestion:	Do NOT induce vomiting. Dilute by administering two glasses of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.

Other First Aid:

Section 5: Fire Fighting Measures

Conditions Of Flammability:

Extinguishing Media:	Dry chemical, foam, CO ₂
Flashpoint:	>93°C
Upper Flammable Limit:	Not determined.
Lower Flammable Limit:	Not determined.
Autoignition Temperature:	
Protective Equipment:	Self-contained respirators required for firefighting personnel. Water may cause excessive slipperiness.
Sensitivity To Impact or Static Discharge:	
Hazardous Combustion Products:	None known.
Fire Comment:	

Section 6: Accidental Release Measures

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

Spill Cleanup Measures: Ventilate area. Wear rubber boots, gloves, and a dust mask. Collect into waste container. Avoid raising dust. Wash spill site after material pick-up. Water solutions are very slippery and may constitute a hazard following a spill.

Section 7: Handling & Storage

Handling: Avoid prolonged or frequent contact when handling material. Do not inhale dust. Wear a NIOSH-approved dust mask, if adequate ventilation cannot be provided. Avoid skin or eye contact.

Protective measures during repair/maintenance of equipment: Wash equipment thoroughly with steam or warm water until clean. In all cases, follow good industrial safety practices before entering equipment.

Storage: Keep container closed when not in use. Store in a cool, dry location, away from oxidizing and reducing agents.

Section 8: Exposure Controls, Personal Protection, Exposure Guidelines

Engineering Controls: General mechanical

Personal Protective Equipment: Use of dust mask, safety glasses, and chemical-resistant gloves is recommended.

Respiratory Protection: NIOSH-approved dust mask

Exposure Limits:

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

Section 9: Physical & Chemical Properties

Physical State: Solid

Odour And Appearance: White granular powder; faint odour

Odour Threshold:

Boiling Point: Not determined.

Evaporation Rate: Not determined.

Melting Point: Not determined.

Freezing Point:

Specific Gravity:

Solubility in Water: Insoluble

Vapour Density: Not determined.

Vapour Pressure: Not determined.

pH: N/A

Flash Point: >93°C

Volatility (% by volume): Not determined.

Coefficient of Water to Oil distribution:

Section 10: Stability & Reactivity

Chemical Stability: Yes

Hazardous Polymerization: Will not occur.

Conditions Of Chemical Instability: Not known.

Incompatible Substances: Strong oxidizing agents, strong reducing agents

Special Decomposition Products: CO_x, NO_x, hydrogen cyanide

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:

Effects Of Chronic Exposure:

General Irritancy Of Product:

Sensitization:

Carcinogenicity: Not determined.

Reproductive Toxicity: Not determined.

Teratogenicity: Not determined.

Embryotoxicity: Not Available

Mutagenicity: Not determined.

Synergistic Products: Not determined.

Section 12: Ecological Information

Ecotoxicity: Not Available

Environmental Fate: Not Available

Section 13: Disposal Considerations

Waste Disposal: Dispose of waste in accordance with federal, provincial, and local regulations.

Section 14: Transport Information

TDG Classification: N/A

DOT UN Number: N/A

Shipping Notes: Not regulated.

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: March 24, 2010

MSDS Revision Notes:

MSDS Author: Bri-Chem Supply Ltd.

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