



Prairie Mud Service Ltd.

"Serving Western Canada with 24 Hour Drilling Mud Service"

MSDS (Material Safety Data Sheet)

SECTION I: IDENTIFICATION OF PRODUCT

Product Identifier	PRAIRIE DRILL HP
Supplier	Prairie Mud & Chemical Serv. 738 - 6 Street Estevan, SK S4A 1A4 (306) 634-3411
Chemical Family / Formula	Polysaccharide
Product Use	Viscosifier

SECTION II: HAZARDOUS AND/OR INGREDIENT DISCLOSURE COMPONENTS

Name	Percent (%)	CAS#	LD ₅₀ (oral rat)	LD ₅₀ (dermal rabbit)	LC ₅₀ (inhalation rat)
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No Hazardous ingredients

SECTION III: HEALTH HAZARDS

Routes of Entry	<input type="checkbox"/> SKIN <input type="checkbox"/> EYE CONTACT <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION
Threshold Limit Value	Not determined.
Skin Contact	Prolonged direct contact may cause mild irritation.
Eye Contact	Direct contact may cause mild transient irritation.
Ingestion	Low oral acute toxicity
Inhalation	Dust may cause upper respiratory tract irritation
Carcinogenicity	Not Determined
Reproductive Toxicity	Not Determined
Teratogenicity	Not Determined
Mutagenicity	Not Determined
Developmental Toxicity	Not Determined

SECTION IV: FIRST AID MEASURES

Skin Contact	Wash with soap and water.
Eye Contact	In case of contact with eyes, flush with water. Seek medical attention if irritation develops or persists.
Ingestion	Ingestion of dry powder may result in the material swelling in the throat, possibly causing blockage of the throat and choking. If the victim is conscious give 1-2 glasses of water. Do not give anything to an unconscious person. Seek medical attention. Do not leave victim unattended.
Inhalation	Remove victim from immediate source of exposure and assure that the breathing is normal. Administer oxygen or perform CPR if necessary. Seek medical attention.

SECTION V: PHYSICAL DATA

Appearance	Cream coloured powder
Odour	Odourless
Specific Gravity	1.3
Boiling Point (°C)	Not determined
Melting Point (°C)	Not determined
Solubility in Water	Forms gel
Percent Volatile by Volume	Not determined



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Protective Equipment	Transportation of Dangerous Goods	WHMIS
Safety glasses and chemically resistant gloves recommended	Shipping Name: Not Controlled Class: N/A UN Number (PIN): N/A Packing Group: N/A	Not WHMIS controlled

SECTION V: PHYSICAL DATA (continued)

Vapour Pressure (mm Hg)	Not determined
Vapour Density (Air = 1)	Not determined
pH	4.5 – 7.5 @ 1%w/w

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

Flash Point	Not Applicable
Flammable Limits	Not Determined
Extinguishing Media	Water, dry chemical, foam.
Special Fire Fighting Procedures	Forms slippery mixture with water
Unusual Fire and Explosion Hazards	Dusts of this product can form explosive mixtures with air.

SECTION VII: REACTIVITY DATA

Stability	<input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE
Incompatibility (Conditions to Avoid)	Strong oxidizing agents
Conditions of Reactivity	Not known
Hazardous Decomposition Products	CO _x on combustion
Hazardous Polymerization	<input checked="" type="checkbox"/> WILL NOT OCCUR <input type="checkbox"/> MAY OCCUR

SECTION VIII: PREVENTIVE MEASURES

Special Protection Information	
Respiratory Protection	Dust mask recommended when ventilation is inadequate.
Ventilation	General mechanical
Protective Gloves	Chemically resistant
Eye Protection	Safety glasses
Other Protective Equipment (Specify)	None known
Accidental Release Measures	
Steps to be taken in case the Material is Spilled or Released	Wear protective equipment. For small spills, sweep up and dispose of in appropriate waste containers. For large spills, shovel into appropriate waste containers. Keep out of sewers, storm drains, surface waters and soil
Handling and Storage	
Precautions to be taken in Handling and Storing	Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.



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Disposal	
Waste Disposal Method	Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

SECTION IX: PREPARATION	
Date Issued	November 27, 2009
Supersedes	New
Prepared by	Product safety committee

The above information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Prairie Mud Service cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.