



# **Prairie Mud Service Ltd.**

"Serving Western Canada with 24 Hour Drilling Mud Service"

## **MSDS (Material Safety Data Sheet)**

### **SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Prairie Mud Service** DATE: Oct 15/09  
**738 6<sup>th</sup> Street** PHONE: 306-634-3411  
**Estevan, SK S4A 1A4** FAX: 306-634-6694

PRODUCT NAME: **STAFLO EXLO SUPREME**

PRODUCT USE: Oil well drilling fluid additive  
CHEMICAL FAMILY: Sodium carboxymethylcellulose CAS #: Not available

### **WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

WHMIS CLASSIFICATION: Not a controlled product under WHMIS  
WORKPLACE HAZARD: Treat as a nuisance dust.

### **TRANSPORTATION OF DANGEROUS GOODS (TDG)**

PROPER SHIPPING NAME: Not regulated under TDG  
TDG CLASSIFICATION: Not applicable  
UN NUMBER (PIN): Not applicable  
PACKING GROUP: Not applicable

### **SECTION II: HAZARDOUS INGREDIENTS**

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD<sub>50</sub> Oral-Rat</u>	<u>LC<sub>50</sub> Inhal-Rat</u>	<u>ACGIH-TLV</u>
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Contains no WHMIS controlled ingredients.

### **SECTION III: HEALTH HAZARDS**

ROUTE OF ENTRY:  EYE CONTACT  SKIN  INHALATION  INGESTION  
EYE CONTACT: Contact with dust causes mild mechanical irritation.  
SKIN CONTACT: None expected.  
INGESTION: None expected.  
INHALATION: Inhaling dust may cause respiratory irritation.  
CARCINOGENICITY: No information available.  
TERATOGENICITY: No information available.  
REPRODUCTIVE TOXICITY: No information available.  
MUTAGENICITY: No information available.  
SYNERGISTIC PRODUCTS: No information available.



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### **SECTION IV: FIRST AID MEASURES**

**SKIN CONTACT:** Wash with soap and water. Material will become slippery and swell on contact with water.

**EYE CONTACT:** Immediately flush with gently flowing warm water for at least 15 minutes.

**INGESTION:** No effects expected. If symptoms develop obtain medical attention.

**INHALATION:** Move to fresh air. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues obtain medical attention.

### **SECTION V: PHYSICAL DATA**

<b>APPEARANCE AND ODOUR:</b>	Free flowing white powder; no odour
<b>SPECIFIC GRAVITY:</b>	1.55
<b>BOILING POINT (°C):</b>	Not applicable
<b>MELTING POINT (°C):</b>	Not applicable
<b>SOLUBILITY IN WATER:</b>	Limited by viscosity                      pH: 7.5
<b>PERCENT VOLATILE BY VOLUME:</b>	Not applicable
<b>EVAPORATION RATE:</b>	Not applicable
<b>VAPOUR PRESSURE (mmHg):</b>	Not applicable
<b>VAPOUR DENSITY (air = 1):</b>	Not applicable
<b>BULK DENSITY:</b>	Not applicable

### **SECTION VI: FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT:</b>	>350°C
<b>FLAMMABLE LIMITS:</b>	Not determined
<b>EXTINGUISHING MEDIA:</b>	Dry chemical, CO <sub>2</sub> or foam in preference to water.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained breathing apparatus required for fire fighting personnel.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Material becomes very slippery when contacted with water. May form flammable dust-air mixtures.

### **SECTION VII: REACTIVITY DATA**

<b>STABILITY:</b>	STABLE [XX]                      UNSTABLE [ ]
<b>INCOMPATIBILITY (CONDITIONS TO AVOID):</b>	Avoid contact with strong oxidizing agents. Avoid creating dust clouds in presence of ignition sources.
<b>CONDITIONS OF REACTIVITY:</b>	Strong oxidizing agents and caustic solutions.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Oxides of carbon on combustion.
<b>HAZARDOUS POLYMERIZATION:</b>	WILL NOT OCCUR [XX]    MAY OCCUR [ ]



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### **SECTION VIII: PREVENTATIVE MEASURES**

#### **SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	Suggest dust mask for dust levels below TLV. Use an approved respirator with dust cartridges for airborne dust levels greater than the TLV.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne dust levels below TLV.
PROTECTIVE GLOVES:	Impervious gloves.
EYE PROTECTION:	Safety glasses with side-shield or goggles recommended.
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eyewash station and emergency shower are available.

#### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Avoid skin and eye contact. Avoid inhalation and ingestion. Store in sealed containers in a cool, dry place away from incompatibles, ignition sources and sunlight. Warning: Static charges generated by emptying package in, or near, flammable vapours may cause flash fire. May form flammable dust-air mixtures. Avoid ignition sources such as sparks and flame. Ground all equipment. In addition, when emptying bags where flammable vapours may be present, blanket vessel with inert gas, ground operator, and pour material slowly into conductive, grounded chute.

#### **STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED**

Use appropriate safety equipment. Vacuum or sweep-up if dry. If wet, pick up with dry material such as sand or dirt. Avoid flushing with water as material becomes slippery. Collect uncontaminated material for repackaging. Collect contaminated material and absorbents in approved containers for disposal.

#### **WASTE DISPOSAL METHOD**

Dispose/landfill in accordance with federal, provincial and local regulations. It is the responsibility of the end user to determine if material meets the criteria of hazardous waste at the time of disposal.

### **SECTION IX: PREPARATION**

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.

DATE ISSUED:	October 15, 2009	BY:	Safety committee
		PHONE:	306-634-3411