



# ***Prairie Mud Service Ltd.***

*"Serving Western Canada with 24 Hour Drilling Mud Service"*

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

### **MATERIAL SAFETY DATA SHEET**

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

COMPANY: **Prairie Mud Service** DATE: February 18, 2011  
**738 6<sup>th</sup> Street** PHONE: 306-634-3411  
**Estevan, SK** FAX: 306-634-7310

PRODUCT NAME: **Alcomer 72L**

PRODUCT USE: Oilwell drilling fluid additive  
CHEMICAL FAMILY: Acrylic polymer in an aqueous solution. CAS #: Mixture

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

WHMIS CLASSIFICATION: Not controlled  
WORKPLACE HAZARD: None known

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

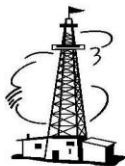
PROPER SHIPPING NAME: Not regulated under TDG  
TDG CLASSIFICATION: Not applicable  
UN NUMBER (PIN): Not applicable  
PACKING GROUP: Not applicable

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

<u>INGREDIENT</u>	<u>% (w/w)</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>
Contains no hazardous ingredients.					

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

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [ ] INHALATION [XX] INGESTION  
EYE CONTACT: May cause slight irritation and/or redness.  
SKIN CONTACT: Prolonged or repeated contact may cause slight irritation.  
INGESTION: No adverse effects expected.  
INHALATION: Mist or sprays may cause slight irritation of the upper respiratory tract.  
CARCINOGENICITY: None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.



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TERATOGENICITY: No information available.  
REPRODUCTIVE TOXICITY: Not determined.  
MUTAGENICITY: Not mutagenic in bacteria.  
SYNERGISTIC PRODUCTS: None known.

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

SKIN CONTACT: Remove contaminated clothing. Wash effected area with soap and water. If irritation persists, contact a physician.  
EYE CONTACT: Flush eyes with gently flowing warm water for 15 minutes or until the chemical is removed. If irritation persists, obtain medical attention.  
INGESTION: Do not induce vomiting. If vomiting occurs naturally, have patient lean forward to reduce the risk of aspiration. Obtain immediate medical attention.  
INHALATION: Move patient to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continue, obtain medical attention

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

APPEARANCE AND ODOUR: Light yellow liquid; slight mild odour  
SPECIFIC GRAVITY: 1.27  
BOILING POINT (°C): ~100  
MELTING POINT (°C): Not determined  
SOLUBILITY IN WATER: Soluble pH: ~7.25  
PERCENT VOLATILE BY VOLUME: ~ 60% (as water)  
EVAPORATION RATE: Not available  
VAPOUR PRESSURE (mmHg): Not determined  
VAPOUR DENSITY (air = 1): Not determined  
BULK DENSITY: Not applicable

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

FLASH POINT: None (aqueous solution)  
FLAMMABLE LIMITS: Not applicable  
EXTINGUISHING MEDIA: Use media appropriate for type of fire and combustibles in area.



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SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus required for fire fighting personnel. Remove containers from fire area, or cool with water spray, if possible.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

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

STABILITY:

STABLE [XX]

UNSTABLE [ ]

INCOMPATIBILITY

Avoid contact with strong oxidizers. Avoid contact with water reactive materials. Avoid extremes of temperature.

(CONDITIONS TO AVOID):

CONDITIONS OF REACTIVITY:

Not available.

HAZARDOUS DECOMPOSITION

No decomposition expected under normal storage conditions.

PRODUCTS:

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR [XX] MAY OCCUR [ ]

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

#### **SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:

Not required under normal conditions of use. Use approved respirator with dust/mist cartridges if mist or spray are generated.

VENTILATION:

Work in well ventilated areas. Use local exhaust ventilation, process enclosure or other engineering controls if mists, sprays or vapours are generated during use.

PROTECTIVE GLOVES:

Rubber gloves recommended.

EYE PROTECTION:

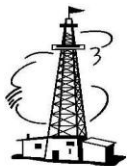
Chemical goggles and/or full-face shield recommended.

OTHER PROTECTIVE EQUIPMENT (Specify):

Chemical aprons suggested. Ensure eye-wash station and emergency shower are available.

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

Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Wash thoroughly after handling. Avoid ingestion. Avoid breathing vapours, mists or sprays. Use only in well ventilated area. Launder exposed clothing before reuse. Keep containers tightly closed in a cool, well ventilated area. Avoid extremes of temperature. Product may freeze; however, it should recover upon warming. If product freezes, warm slowly. Thawed product should be thoroughly mixed with low shear agitation prior to use.



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

Use appropriate safety equipment. Avoid all bodily contact with spilled material. Stop leak if possible to do so without risk. Small spills; soak up with absorbent. Large spills; dike to contain material. Collect uncontaminated diked material for repackaging. Soak up remaining material with absorbent. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area with water. Do not allow material to enter storm sewers or storm water inlets.

### **WASTE DISPOSAL METHOD**

Dispose 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 INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,  
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: February 18, 2011 BY: Product safety committee