



## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** ALCOMER® 120L  
**Product Identifier:** Copolymer of Sodium Acrylate and Acrylamide  
**Product Family:** Shale Control Inhibitor  
**Use:** Drilling Fluid Additive  
**Supplier:** Prairie Mud Service  
 738 6th Street  
 Estevan, SK S4A 1A4  
 (306) 634-3411

**Emergency telephone** CANUTEC - (613) 996-6666 or \*666 on cellular phone

## 2. HAZARDS IDENTIFICATION

**Classification:**  
**WHMIS Classification**



Class D2

### Additional Canadian Regulatory Lists

This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

### Emergency Overview

Off-white liquid. Oily Odour. Product is EXTREMELY slippery when wet! This product is a skin and eye irritant.

### Potential Health Effects

**Inhalation Skin Contact Eye Contact Ingestion**

### Effects of Long-Term (Chronic) Exposure

May cause respiratory irritation. Causes mild irritation.

Causes mild irritation.

Low oral toxicity.

Skin irritation or dermatitis may occur upon frequent or prolonged contact.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Other Identifiers
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	15-40	
Alcohols, C12-15, ethoxylated propoxylated, liquids	68551-13-3	1-5	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	1-5	

## 4. FIRST AID MEASURES

### First Aid Procedures

**Inhalation** Remove to fresh air as soon as possible. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen and get medical attention.

**Skin Contact** Remove contaminated clothing. Wash gently and thoroughly with lukewarm, gently flowing



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water and non-abrasive soap for 5 minutes. If irritation develops or persists, seek medical attention.

## Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water while holding the eyelid(s) open for 15 minutes. If eye irritation persists, seek medical attention.

## Ingestion

Remove material from mouth. DO NOT INDUCE VOMITING. If vomiting occurs naturally, keep the head below hips to prevent aspiration. Never give anything by mouth to an unconscious or convulsing victim. Get prompt medical attention.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties** Very low risk. Flash Point: >93°C (Pensky-Martens Closed Cup).

**Suitable Extinguishing Media** Product is EXTREMELY slippery when wet! Dry chemical, carbon dioxide, foam, in preference

### Specific Hazards Arising from the Chemical

**Protective Equipment and Precautions for Firefighters**  
to water.

Sensitivity to static charge.

Cool surrounding equipment, fire-exposed containers and structures with water.

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use the Personal Protective Equipment recommended in Section 8 of this MSDS.

### Environmental Precautions

### Methods for Containment and Clean-up

It is good practice to prevent spilled material and/or runoff from entering waterways, drains and sewers.

Remove all ignition sources. Spills are best handled by absorbing product with vermiculite or other inert material and placing in a closeable container for disposal. Flush residue with water to eliminate slip hazard.

## 7. HANDLING AND STORAGE

**Handling** Avoid ingestion. Avoid skin and eye contact. Practice reasonable caution and personal cleanliness.

**Storage** Store in a cool, dry, well-ventilated place. Keep container tightly closed and away from incompatible materials. Material is EXTREMELY slippery when wet! Avoid temperature extremes, especially frost and freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls** Use only with adequate ventilation. Provide mechanical ventilation to prevent vapour/mist.

### Personal Protective Equipment (PPE)

#### Eye/Face Protection Skin Protection

Ensure an eye wash station and safety shower are available in immediate work area. Chemical-resistant clothing is recommended including glove, apron and goggles.

**Respiratory Protection** Use a NIOSH-approved air-purifying respirator with an organic vapour cartridge.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Liquid

**Appearance** Off-white liquid.



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<b>Particle Size</b>	Not available
<b>Odour</b>	Oily
<b>Odour Threshold</b>	Not available
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Boiling Point</b>	~ 100 °C
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Relative Density (water = 1)</b>	1.1
<b>Bulk Density</b>	Not available
<b>Solubility in Water</b>	Soluble
<b>Solubility in Other Liquids</b>	Not available
<b>pH</b>	7.5
<b>Partition Coefficient, n-Octanol/Water</b>	Not available
<b>Viscosity-Kinematic</b>	Not available
<b>Surface Tension</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Vapour Density (air = 1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	> 93 °C (closed cup)

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Normally stable.

**Conditions to Avoid** Avoid contact with strong oxidants.

**Hazardous Decomposition Products**

**Possibility of Hazardous Reactions**

None known.

Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**General Comments**

General irritancy to skin and eyes.

**Skin Irritation/Corrosion**

Prolonged or repeated contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.

**Eye Irritation/Corrosion**

Will cause painful burning or stinging of eyes and lids, watering of the eyes and inflammation of conjunctiva.

**Effects of Short-Term (Acute) Exposure**

**Inhalation**

High vapour concentrations (greater than ~1000mg/L attainable at temperatures well above ambient) may cause irritation to the eyes and respiratory tract, along with possible headache and dizziness.



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### **Ingestion**

This product becomes a viscous gel in contact with water which is likely to happen if this product is ingested. May cause nausea and vomiting.

### **Effects of Long-Term (Chronic) Exposure**

Skin irritation or dermatitis may occur upon frequent or prolonged contact.

### **Carcinogenicity**

Not a known carcinogen.

No information was located for: Teratogenicity / Embryotoxicity, Reproductive Toxicity, Mutagenicity, Toxicologically Synergistic Materials

## **12. ECOLOGICAL INFORMATION**

**General Comments** No ecotoxicity or environmental fate data available.

## **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government regulations.

## **14. TRANSPORT INFORMATION**

### **Shipping Information**

Not regulated under Canadian TDG Regulations.

### **Other Transport Information**

#### **Special Shipping Information**

Not applicable

## **15. REGULATORY INFORMATION**

### **Additional Canadian Regulatory Lists**

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## **16. OTHER INFORMATION**

### **Disclaimer**

This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.