



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	ALCOMER® 120L
Product Identifier	Copolymer of Sodium Acrylate and Acrylamide
Product Family	Shale Control Inhibitor
Supplier	Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com
Emergency Contact Information	ChemTrec, (800) 424-9300, 24/7
Use	Drilling Fluid Additive

2. HAZARDS IDENTIFICATION

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 May cause respiratory irritation.

Skin Contact Causes mild irritation.

Eye Contact Causes mild irritation.

Ingestion Low oral toxicity.

Effects of Long-Term (Chronic) Exposure 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 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 to water.
Specific Hazards Arising from the Chemical	Sensitivity to static charge.
Protective Equipment and Precautions for Firefighters	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	It is good practice to prevent spilled material and/or runoff from entering waterways, drains and sewers.
Methods for Containment and Clean-up	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	Ensure an eye wash station and safety shower are available in immediate work area.
Skin Protection	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.
Particle Size	Not available
Odour	Oily
Odour Threshold	Not available
Molecular Formula	Not available
Molecular Weight	Not available
Boiling Point	~ 100 °C
Decomposition Temperature	Not available
Melting Point	Not available
Freezing Point	Not available

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Relative Density (water = 1)	1.1
Bulk Density	Not available
Solubility in Water	Soluble
Solubility in Other Liquids	Not available
pH	7.5
Partition Coefficient, n-Octanol/Water	Not available
Viscosity-Kinematic	Not available
Surface Tension	Not available
Vapour Pressure	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available
Critical Temperature	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	> 93 °C (closed cup)

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	Avoid contact with strong oxidants.
Hazardous Decomposition Products	None known.
Possibility of Hazardous Reactions	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.

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

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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

Canada

WHMIS Classification



Class D2B

D2B - Toxic

Additional Canadian Regulatory Lists

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

16. OTHER INFORMATION

MSDS Prepared By Bri-Chem Supply Ltd

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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.