



# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

**PRODUCT NAME:** Alcomer 120L  
**PRODUCT USE:** Oil Well Fluid Additive  
**CHEMICAL FAMILY:** Copolymer of Acrylamide with Sodium Acrylate

### WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

**WHMIS CLASSIFICATION:** Class D-2(B)  
**WORK PLACE HAZARD:** Skin and Eye Irritant

### TRANSPORTATION OF DANGEROUS GOODS (TDG)

**SHIPPING NAME:** Not Regulated Under TDG  
**TDG CLASSIFICATION:** N/A  
**UN NUMBER (PIN):** N/A  
**PACKING GROUP:** N/A

## SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD<sub>(50)</sub> Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Mineral Spirits	20 - 40%	64742-47-8	N/D	1600 mg/m <sup>3</sup>	N/D
Alkyl phenol ethoxylate	3 - 7%	9016-45-9	3000 mg/kg	N/D	N/D

## SECTION III: TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:**  SKIN     EYE CONTACT     INHALATION     INGESTION

**EYE CONTACT:** Will cause painful burning or stinging of eyes and lids, watering of eyes, and inflammation of conjunctiva.

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

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

**INHALATION:** High vapour concentrations (greater than approximately 1000ppm attainable at temperatures well above ambient) may cause irritation to the eyes and respiratory tract, along with possible headache and dizziness.

**EFFECTS OF CHRONIC EXPOSURE:** Skin irritation or dermatitis may occur upon frequent or prolonged contact.



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## SECTION IV: FIRST AID MEASURES

<b>SKIN CONTACT:</b>	Remove contaminated clothing, wash exposed area thoroughly with soap and water. If irritation or abnormalities persist, call a physician.
<b>EYE CONTACT:</b>	Immediately flush eyes with water for 15 minutes and call a physician.
<b>INGESTION:</b>	If ingested, do not induce vomiting. Remove product from mouth and call a physician immediately.
<b>INHALATION:</b>	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Call a physician.

## SECTION V: PHYSICAL DATA

<b>APPEARANCE AND ODOUR:</b>	Off white liquid
<b>SPECIFIC GRAVITY:</b>	<1.0 g/cm <sup>3</sup>
<b>BOILING POINT (°C):</b>	>290°C
<b>MELTING POINT (°C):</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Soluble
<b>PERCENT VOLATILE BY VOLUME:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOUR PRESSURE (mm Hg):</b>	N/A
<b>VAPOUR DENSITY (Air = 1):</b>	N/A

## SECTION VI: FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	>200°C
<b>FLAMMABLE LIMITS:</b>	N/A
<b>EXTINGUISHING MEDIA:</b>	Water spray, foam, dry chemical, carbon Dioxide. Water will cause extreme slipperiness.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained respirators required for fire fighting personnel.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Sensitivity to static charge

## SECTION VII: REACTIVITY DATA

**STABILITY:**                      **Stable [XX]**                      **Unstable [ ]**

<b>INCOMPATIBILITY (CONDITIONS TO AVOID):</b>	Strong oxidising and reducing agents such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.
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HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur [ ]

## SECTION VIII: PREVENTIVE MEASURES

### SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** In absence of proper ventilation recommend approved organic vapour-type respirator.

**VENTILATION:** General mechanical; 10 changes per hour.

**PROTECTIVE GLOVES:** Suggest plastic or rubber.

**EYE PROTECTION:** Suggest goggles.

**OTHER PROTECTIVE EQUIPMENT (Specify):** Not Required.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container closed when not in use. Store in cool and dry location away from oxidizing and reducing agents. Minimize breathing vapour or mist. Avoid prolonged or repeated skin contact. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by washing thoroughly with soap and water.

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

Eliminate sources of ignition. Collect into waste container. Absorb remaining product with earth or sand and dispose of with solid waste. Water will cause extreme slipperiness. Wash spill site after material pick-up. Do not breathe vapours. Use NIOSH-approved respirator if exposed to vapours. The use of water on large undiluted spills should be avoided. Spills of dilute solutions may be washed away with copious amounts of water. The product or its solutions should not be allowed to enter waterways without treatment

### WASTE DISPOSAL METHOD

Do not reuse containers. "EMPTY" containers should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with government regulations. Dispose to conform to local disposal regulations.

## SECTION IX: PREPARATION

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

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