

**MATERIAL SAFETY DATA SHEET****SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.** DATE: Sept 16, 2006  
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PRODUCT NAME: **ALCOMER 72L**

PRODUCT USE: Oil well 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>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>
<b>Contains no hazardous ingredients per WHMIS regulations.</b>					

**SECTION III: HEALTH HAZARDS**

ROUTE OF ENTRY:  EYE CONTACT  SKIN  INHALATION  INGESTION  
 EYE CONTACT: May cause slight irritation and/or redness.  
 SKIN CONTACT: Prolonged or repeated contact may cause slight irritation.  
 INGESTION: Low oral toxicity. May cause gastrointestinal tract irritation, vomiting and diarrhea. **LD<sub>50</sub> (oral-rat) =>5000 mg/kg (by analogy to similar products)**  
 INHALATION: Mist or sprays may cause slight irritation of the upper respiratory tract.  
 CARCINOGENICTY: Not a known carcinogen.  
 TERATOGENICITY: Isopropanol: One animal study has shown fetotoxicity in the absence of maternal toxicity.

REPRODUCTIVE TOXICITY: None known.  
 MUTAGENICTY: Not a known mutagen.  
 SYNERGISTIC PRODUCTS: None known.

#### SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash effected area with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, contact a physician.  
 EYE CONTACT: Flush eyes with gently flowing warm water for 15 minutes. If irritation persists, contact a physician.  
 INGESTION: **Do not induce vomiting.** Rinse mouth with water. Give one to two glasses of water to dilute. Obtain immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.  
 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:	Clear to light yellow liquid; slight mild odour	
SPECIFIC GRAVITY:	1.27	
BOILING POINT (°C):	90-100	
MELTING POINT (°C):	Not available	
SOLUBILITY IN WATER:	Soluble	pH: ~7.25
PERCENT VOLATILE BY VOLUME:	Not available	
EVAPORATION RATE:	Not available	
VAPOUR PRESSURE (mmHg):	Not available	
VAPOUR DENSITY (air = 1):	Not available	
BULK DENSITY:	Not applicable	

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

FLASH POINT: Not available  
 FLAMMABLE LIMITS: Not available  
 EXTINGUISHING MEDIA: Use media appropriate for type of fire and combustibles in area.  
 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 (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers. Avoid extremes of temperature.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon on combustion.	
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 organic vapour cartridges if mist or spray are generated.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain mist/vapour concentration below TLV.
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**

Avoid skin and eye contact. Wash thoroughly after handling. Avoid ingestion. Avoid breathing vapours, mists or sprays. Use only in well ventilated area. Practice reasonable caution and personal cleanliness. Launder exposed clothing before reuse. Store in the original container, securely closed, between 5°C and 40°C. Avoid temperature extremes and ignition sources. Do not store in mild steel containers. **Do not freeze. If product freezes, warm slowly. If separation occurs, remix with low shear mixing.**

**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.

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BY: Product safety committee

**Diversity Technologies Corp. is the parent company of  
Canamara-United Supply Ltd., Hollimex Products Ltd. and Canamara SDS**