

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **December 8, 2009**
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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>LD₅₀Oral-Rat</u>	<u>LC₅₀Inhal-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.
TERATOGENICITY: Not determined.
REPRODUCTIVE TOXICITY: Not determined.

MUTAGENICITY: Not determined.
 SYNERGISTIC: None known.
 PRODUCTS:

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 5 - 10 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.
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 contact with water reactive materials. Avoid extremes of temperature.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	No decomposition expected under normal storage conditions.	
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.

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: December 8, 2009

BY: Product safety committee

SUPERSEDES: December 7, 2006

PHONE: 780-440-4923

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply, Hollimex Products, The Drilling Depot and
Westcoast Drilling Supplies.**