

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **November 29, 2010**  
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PRODUCT NAME: **Alcomer 120L OS**

PRODUCT USE: Oil-well drilling fluid additive.  
CHEMICAL FAMILY: Anionic polyacrylamide dispersed in light mineral oil CAS #: Mixture

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B  
WORKPLACE HAZARD: Skin and eye irritant

## 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>LD<sub>50</sub> Oral-Rat</u>	<u>LC<sub>50</sub> Inhal-Rat</u>	<u>ACGIH-TLV</u>
Distillates (petroleum) hydrotreated heavy naphthenic	30-60	64742-52-5	Not available	Not available	Not established
Distillates (petroleum) hydrotreated light	1-5	64742-47-8	Not available	Not available	Not established
Alcohols C <sub>12-15</sub> , ethoxylated propoxylated	1-5	68551-13-3	Not available	Not available	Not established

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [ ] INHALATION [XX ] INGESTION  
EYE CONTACT: May cause moderate irritation and/or redness.  
SKIN CONTACT: Prolonged or repeated contact with this product tends to remove skin oils possibly leading to irritation and dermatitis.



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

FLASH POINT:	>93°C (PMCC)
FLAMMABLE LIMITS:	Not determined
EXTINGUISHING MEDIA:	Foam, dry chemical or carbon dioxide in preference to water spray. Water will cause extreme slipperiness.
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:	Product is not considered flammable, but may burn in a fire situation.

**SECTION VII: REACTIVITY DATA**

STABILITY:	STABLE [XX]	UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with water reactive chemicals & strong oxidants; may degrade polymer. Avoid extremes of temperature, especially frost and freezing conditions.	
CONDITIONS OF REACTIVITY:	Not available	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen, hydrocarbons, ammonia and/or hydrogen chloride vapour on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

**SECTION VIII: PREVENTATIVE MEASURES****SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION:	In absence of proper ventilation use approved respirator with organic vapour/mist cartridges as required.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain level of airborne vapour or mist below TLV.
PROTECTIVE GLOVES:	Wear impervious gloves.
EYE PROTECTION:	Use chemical goggles and/or face shield.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest rubber apron. Ensure eye wash station and safety shower are available.

## **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Warning! Eye and skin irritant. In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid breathing vapours, mists or sprays. Use only with adequate ventilation. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using. For industrial use only. Slip hazard when wet. Store in the original container, securely closed, in a cool and dry location. Avoid temperature extremes, especially frost and freezing conditions. Empty containers contain residual hazardous material and should be handled and stored as if full.

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

Use appropriate safety equipment. Eliminate sources of ignition. Stop leak if possible to do so without risk. Small spills: Soak up with absorbent; collect absorbent in approved container for disposal; wash spill area with water. Large spills: Dike to prevent material from entering sewers or public waterways; collect uncontaminated material for repackaging; collect contaminated material for disposal; treat remaining material as a small spill. Report spill to appropriate agencies as required.

## **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. Empty containers, that have not been cleaned and purged, must be disposed or, or recycled, in accordance with local regulations.

## **SECTION IX: PREPARATION**

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

DATE ISSUED: November 29, 2010 BY: Product safety committee  
SUPERSEDES: February 20, 2008 PHONE: 780-440-4923

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