

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **February 20, 2008**
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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>LD₅₀ Oral-Rat</u>	<u>LC₅₀ Inhal-Rat</u>	<u>ACGIH-TLV</u>
Distillates (petroleum) hydrotreated heavy naphthenic	30-60	64742-52-5	Not available	Not available	Not established
Naphtha, petroleum, hydrotreated heavy	1-5	64742-48-9	Not available	Not available	Not established
Alcohols C ₁₂₋₁₅ , 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.

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:	Mists or sprays may cause respiratory irritation. Acute exposure to vapour may cause dizziness, drowsiness, headache, nausea and irritation of the respiratory tract. Prolonged or repeated exposure may cause CNS damage, as well as heart and blood disorders. Aspiration may cause chemical pneumonitis.
CARCINOGENICITY:	None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.
TERATOGENICITY:	No data for product. No effects anticipated.
REPRODUCTIVE TOXICITY:	No data for product. No effects anticipated.
MUTAGENICITY:	No data for product. Not expected to be mutagenic.
SYNERGISTIC PRODUCTS:	No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing. Wash exposed area thoroughly with soap and water. If irritation persists or develops, obtain medical attention.
EYE CONTACT:	Immediately flush eyes with gently flowing warm water for 15 minutes, or until irritation ceases. Obtain medical attention when flushing is complete.
INGESTION:	Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration of vomitus. Obtain immediate medical attention.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White to off-white liquid; mineral oil-like odour
SPECIFIC GRAVITY:	1.1
BOILING POINT (°C):	>100
MELTING POINT (°C):	Not determined
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	Not determined
EVAPORATION RATE:	Not available
VAPOUR PRESSURE (mmHg):	Not determined
VAPOUR DENSITY (air = 1):	Not determined
BULK DENSITY:	Not applicable

pH: 7.5 (1% solution)

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 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.

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