

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: February 9, 2009
8750 – 53rd Ave. PHONE: 780-468-4064
Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **ALCOMER 274**

PRODUCT USE: Oil-well drilling fluid additive.
CHEMICAL FAMILY: Aqueous emulsion of an acrylic copolymer CAS #: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2A; D2B
WORKPLACE HAZARD: Developmental toxin; 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>
Ethylene glycol	3-7	107-21-1	4000 mg/kg	2725 mg/m ³ /4hr	100 mg/m ³ ceiling
Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-	1-5	9016-45-9	Not available	Not available	Not available

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 may cause allergic reactions in sensitive individuals.
INGESTION: Low oral toxicity. Contains ethylene glycol, which if ingested in large quantities may cause kidney and liver damage.
INHALATION: Mists or sprays may cause respiratory irritation.

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Use media appropriate for surrounding fire.
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 oxidizing and reducing agents. Avoid contact with water reactive materials.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.	
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:	Wear tightly fitting chemical goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest rubber apron. Ensure eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using. Avoid breathing vapours, mists or sprays. Use only with adequate ventilation. Do not taste or swallow. Store in the original container, securely closed, in a cool and dry location. 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. 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:	February 9, 2009	BY:	Product safety committee
SUPERSEDES:	None	PHONE:	780-440-4923

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