

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **October 8, 2008**
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PRODUCT NAME: **Alcomer 110RD**

PRODUCT USE: Oilwell drilling fluid additive
CHEMICAL FAMILY: Anionic acrylamide copolymer CAS#: Not available

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS
WORKPLACE HAZARD: Treat as a nuisance dust.

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 WHMIS controlled ingredients					

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: No adverse effects expected.
INHALATION: May cause slight irritation of the upper respiratory tract.
CARCINOGENICITY: Not a known carcinogen.
TERATOGENICITY: Not a know teratogen.
REPRODUCTIVE: None known.
TOXICITY:
MUTAGENICITY: Not a known mutagen.

SYNERGISTIC PRODUCTS: None known.

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Flush with gently flowing, warm water for 10 minutes or until irritation ceases. Obtain medical attention when flushing is complete.

SKIN CONTACT: Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists, or develops, obtain medical attention.

INGESTION: Do not induce vomiting. If spontaneous vomiting occurs, have victim lean forward to reduce the risk of aspiration. Obtain immediate medical attention.

INHALATION: Move to area free from dust. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues, obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White granular powder; no significant odour	
SPECIFIC GRAVITY:	Not available	
BOILING POINT (°C):	Not available	
MELTING POINT (°C):	Not available	
SOLUBILITY IN WATER:	Soluble	pH: Not available
PERCENT VOLATILE BY VOLUME:	Not available	
EVAPORATION RATE:	Not available	
VAPOUR PRESSURE (mmHg):	Not available	
VAPOUR DENSITY (air = 1):	Not available	
BULK DENSITY:	0.65 g/cm ³	

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not applicable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Dry chemical, foam or CO ₂ in preference to water spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	As with most organic powders, flammable dust clouds may be formed in air in the presence of an ignition source.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen, and sodium or calcium hypochlorite.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen, various hydrocarbons and/or ammonia on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

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

RESPIRATORY PROTECTION:	Approved dust masks required for dust levels below TLV. Use approved respirators with dust cartridges if airborne concentration exceeds TLV.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain concentration of airborne dust below TLV.
PROTECTIVE GLOVES:	Gauntlets recommended.
EYE PROTECTION:	Use chemical goggles meeting CSA standards to protect against dust particles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Wear protective clothing to prevent contact. Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Warning! Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air, in which case ignition sources should be avoided. Avoid contact with eyes and prolonged or repeated skin contact. Avoid inhalation of dust; wear respiratory protection. Practice reasonable caution and personal cleanliness. Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water after using. Store in a cool dry area away from oxidizers.

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

Use appropriate safety equipment. Product becomes slippery and difficult to handle when wet; spills are best handled while still dry. Vacuum if possible to avoid generating airborne dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water.

WASTE DISPOSAL METHOD

Dispose/landfill in accordance with federal, provincial and local regulations. It may be possible to dispose of uncontaminated product in a landfill; check with local operator. 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: October 8, 2008 BY: Product safety committee
SUPERSEDES: December 3, 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.**