

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **December 8, 2009**  
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PRODUCT NAME: **Alcomer 60RD**

PRODUCT USE: Oil-well drilling fluid additive; flocculant  
CHEMICAL FAMILY: Copolymer of sodium acrylate and acrylamide 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>LD<sub>50</sub> Oral-Rat</u> | <u>LC<sub>50</sub> Inhal-Rat</u> | <u>ACGIH-TLV</u> |
|------------------------------------|----------------|-------------------|---------------------------------|----------------------------------|------------------|
| Contains no hazardous ingredients. |                |                   |                                 |                                  |                  |

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN INHALATION INGESTION  
EYE CONTACT: May cause slight irritation and/or redness.  
SKIN CONTACT: **Not expected to cause irritation.**  
INGESTION: No adverse effects expected. LD<sub>50</sub> > 2000 mg/kg (based on a similar product).  
INHALATION: May cause irritation of the respiratory tract, including sneezing and coughing.  
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.  
REPRODUCTIVE TOXICITY: No information available.  
MUTAGENICITY: No information available.  
SYNERGISTIC PRODUCTS: No information available.

#### **SECTION IV: FIRST AID MEASURES**

SKIN CONTACT: Wash thoroughly with soap and water. Remove contaminated clothing. If irritation develops or persists, obtain medical attention.  
EYE CONTACT: Flush with gently flowing warm water until irritation ceases. Obtain medical attention.  
INGESTION: Do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of vomitus. Obtain medical attention.  
INHALATION: Move to fresh air. 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 odour  
SPECIFIC GRAVITY: 0.65  
BOILING POINT (°C): Not available  
MELTING POINT (°C): Not determined  
SOLUBILITY IN WATER: Soluble pH: Not available  
PERCENT VOLATILE BY VOLUME: None expected above trace levels.  
EVAPORATION RATE: Not available  
VAPOUR PRESSURE (mmHg): Not available  
VAPOUR DENSITY (air = 1): Not available  
BULK DENSITY: Not available

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

FLASH POINT: Not applicable  
FLAMMABLE LIMITS: Not applicable  
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam, in preference to a water spray.  
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus required for fire fighting personnel. Move containers from fire area if possible.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible powder. As with most organic powders, flammable dust clouds may be formed in air. Avoid creating dust. Avoid sources of ignition.

**SECTION VII: REACTIVITY DATA**

|   |  |               |
|---|--|---------------|
| STABILITY:                                | STABLE [XX]  | UNSTABLE [ ]  |
| INCOMPATIBILITY<br>(CONDITIONS TO AVOID): | Avoid contact with strong oxidizers.   |               |
| CONDITIONS OF REACTIVITY:                 | Not available.   |               |
| HAZARDOUS DECOMPOSITION<br>PRODUCTS:      | Oxides of carbon and nitrogen, various hydrocarbons,<br>and/or ammonia upon combustion |               |
| HAZARDOUS POLYMERIZATION:                 | WILL NOT OCCUR [XX]  | MAY OCCUR [ ] |

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

|  |  |
|--|--|
| RESPIRATORY PROTECTION:                  | Use approved dust mask in absence of adequate ventilation. Use approved respirators with dust cartridges if TLV is exceeded.                     |
| VENTILATION:                             | Use in well-ventilated area, or use local exhaust ventilation, process enclosure or other engineering controls to maintain dust level below TLV. |
| PROTECTIVE GLOVES:                       | Use gloves, if needed, to avoid prolonged or repeated skin contact.  |
| EYE PROTECTION:                          | Use safety glasses or goggles.   |
| OTHER PROTECTIVE EQUIPMENT<br>(Specify): | As necessary to prevent contact. Ensure eyewash station and emergency shower are available.  |

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

Minimize breathing dust. Avoid prolonged or repeated breathing of dust and contact with skin. Wash contaminated clothing before reuse. Cleanse skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by washing thoroughly with soap and water. Store in a cool, dry location away from incompatibles. Store in original container. Avoid extremes of temperature. Material is very slippery when wet.

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

Sweep up dry material and shovel, or vacuum, to collect spill. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Scrub spill area with dry absorbent to mitigate slip hazard. Spills of dilute solutions may be absorbed with an inert material and contained in approved containers for disposal. The product or its solutions should not be allowed to enter waterways without treatment. Spilled solutions can create a hazard because of their slippery nature.

### **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.**