

**MAGNAFLOC 338 (FORMERLY  
ALCOMER338RD): ALCOMER 80 (FORMERLY****SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.** DATE: **April 6, 2011**  
**8750 – 53<sup>rd</sup> Ave.** PHONE: **780-440-4923**  
**Edmonton, AB T6E 5G2** FAX: **780-469-1899**

PRODUCT NAME: **Magnafloc 338 (Formerly Alcomer338RD): Alcomer 80 (formerly Magnafloc 351)**

PRODUCT USE: Oilwell drilling fluid additive  
CHEMICAL FAMILY: Acrylamide polymer CAS #: Not available

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

WHMIS CLASSIFICATION: Not WHMIS controlled.  
WORKPLACE HAZARD: Treat as 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**

INGREDIENT	% (w/w)	CAS NUMBER	LD <sub>50</sub> Oral-Rat	LC <sub>50</sub> Inhal-Rat	ACGIH-TLV
Contains no WHMIS controlled ingredients.					

**SECTION III: HEALTH HAZARDS**

ROUTE OF ENTRY: ☐ EYE CONTACT ☐ SKIN CONTACT ☐ INHALATION ☐ INGESTION

EYE CONTACT: May cause slight irritation or redness.

SKIN CONTACT: Prolonged or repeated exposure may cause irritation.

INGESTION: Low acute oral toxicity. No effects expected.

INHALATION: May cause upper respiratory tract irritation.

CARCINOGENICITY: None of the components in these products, at concentrations greater than 0.1%, are listed IARC, NTP, OSHA or ACGIH as carcinogens.

TERATOGENICITY: Not a known teratogen.

REPRODUCTIVE TOXICITY: Not a known reproductive toxin.

MUTAGENICITY: Not a known mutagen.

SYNERGISTIC PRODUCTS: No information available.

**SECTION IV: FIRST AID MEASURES**

SKIN CONTACT:	Wash with soap and water. If irritation persists, obtain medical attention.
EYE CONTACT:	Flush with gently flowing warm water 15 minutes. If irritation persists, obtain medical attention.
INGESTION:	Do not induce vomiting. Rinse mouth and drink 1 to 2 glasses of water. Seek immediate medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties, or distress, continue obtain medical attention.

**SECTION V: PHYSICAL DATA**

APPEARANCE AND ODOUR:	White to off-white bead; no odour
SPECIFIC GRAVITY:	0.8 - 1.0
BOILING POINT (°C):	Not available
MELTING POINT (°C):	Not available
SOLUBILITY IN WATER:	Soluble
PERCENT VOLATILE BY VOLUME:	Not available
EVAPORATION RATE:	Not available
VAPOUR PRESSURE (mmHg):	Not available
VAPOUR DENSITY (air = 1):	Not available
BULK DENSITY:	Not available
	pH: 5 - 7 (1% sol'n)

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

FLASH POINT:	None exhibited
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Dry chemical, foam or CO2 in preference to water spray.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire fighting personnel. Move from fire area if possible.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Danger! Explosion Risk! Can form an explosive dust/air mixture in the presence of an ignition source.
HAZARDOUS COMBUSTION PRODUCTS:	No information available.

**SECTION VII: REACTIVITY DATA**

STABILITY:	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidants. Avoid wet, damp or humid conditions, extremes of temperature and ignition sources.	
CONDITIONS OF REACTIVITY:	Not available.	

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, various hydrocarbons and /or ammonia on thermal decomposition.

HAZARDOUS POLYMERIZATION: ☒ WILL NOT OCCUR ☐ MAY OCCUR

## **SECTION VIII: PREVENTIVE MEASURES**

### **SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: Suggest NIOSH approved dust mask for dust levels below TLV. If dust concentration in air exceeds TLV use an approved respirator with dust cartridges.

VENTILATION: Use local exhaust ventilation, process enclosure or other engineering controls to maintain dust level below TLV.

PROTECTIVE GLOVES: Personal preference.

EYE PROTECTION: Suggest safety glasses or goggles be worn.

OTHER PROTECTIVE EQUIPMENT (SPECIFY): 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 skin and eye contact. Wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid breathing dust. Avoid creating dust cloud during handling. Use only in a well ventilated area. Use non-sparking tools and grounded/bonded equipment and containers when transferring. Store in a cool, dry area away from oxidizers and ignition sources.

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

Use appropriate safety equipment. Eliminate ignition sources. Contain spill. Collect by vacuum if possible to avoid generation of dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash contaminated area with water; use caution, product very slippery when wet! Collect washings for disposal. Do not flush to sewer.

### **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. Uncontaminated product may be suitable for disposal in landfill; check with local operator.

## **SECTION IX: PREPARATION**

The information contains herein is given in good faith, but no warranty, expressed or implied, is made.

DATE ISSUED: **April 6, 2011**

SUPERSEDES: July 15, 2008  
BY: Regulatory Affairs  
PHONE: 780-440-4923