

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **May 18, 2011**  
**8750 – 53<sup>rd</sup> Ave.** PHONE: 780-468-4064  
**Edmonton, AB T6E 5G2** FAX: 780-469-1899

PRODUCT NAME: **Magnafloc 430\*; Alcomer 755\*\*; Alcomer 758\*\*\***  
\*Magnafloc 430 (formerly Zetag7692/8125)  
\*\* Alcomer 755 (formerly Zetag 7557)  
\*\*\*Alcomer 758 (formerly Zetag 7587)

PRODUCT USE: Oilwell and industrial drilling fluid additive.  
CHEMICAL FAMILY: Cationic acrylamide polymer CAS#: Not available

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B  
WORKPLACE HAZARD: 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>LD<sub>50</sub>Oral-Rat</u>	<u>LC<sub>50</sub>Inhal-Rat</u>	<u>ACGIH-TLV</u>
Adipic acid	1.0 – 5.0 & 3.0 – 7.0	124-04-9	1900 mg/kg	Not available	5 mg/m <sup>3</sup>

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY:  EYE CONTACT  SKIN  INHALATION  INGESTION  
EYE CONTACT: May cause irritation and redness.  
SKIN CONTACT: Prolonged or repeated contact may cause slight irritation.  
INGESTION: Low acute oral toxicity (LD<sub>50</sub> oral-rat > 2000 mg/kg). May cause gastrointestinal upset.  
INHALATION: May cause upper respiratory tract irritation.



**UNUSUAL FIRE AND  
EXPLOSION HAZARDS:**

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 (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers. Avoid ignition sources if dust clouds created.	
CONDITIONS OF REACTIVITY:	Not determined.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon on thermal decomposition.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

**SECTION VIII: PREVENTATIVE 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:	Wear safety glasses with side-shields or goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Ensure eyewash station and emergency shower are available.

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

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing dust. Avoid creating dust cloud during handling. Use only in a well ventilated area. Use nonsparking tools and grounded/bonded equipment and containers when transferring. Store in a cool, dry area away from oxidizers and ignition sources. Empty packaging contains residual hazardous material and must be stored and handled as if full.

**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. Collect washings for disposal. Do not flush to sewer.

