

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **July 21, 2008**  
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PRODUCT NAME: **Torq-Glide**

PRODUCT USE: Oil well drilling fluid additive  
CHEMICAL FAMILY: **Fatty derivative** CAS #: **Not available**

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not controlled  
WORKPLACE HAZARD: None known

## 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>
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Contains no WHMIS controlled ingredients.

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [ ] EYE CONTACT [ ] SKIN [ ] INHALATION [ ] INGESTION

EYE CONTACT: May cause mild irritation.

SKIN CONTACT: May cause mild irritation, especially on prolonged contact.

INGESTION: May cause gastrointestinal irritation, nausea and/or vomiting. LD<sub>50</sub> > 5000 mg/kg.

INHALATION: May cause slight irritation of the respiratory tract, especially if mists or vapours from heated product are inhaled.

CARCINOGENICITY: No information available.

TERATOGENICITY: No information available.

REPRODUCTIVE TOXICITY: No information available.

MUTAGENICITY: Non-mutagenic in-vitro (Ames).  
SYNERGISTIC No information available.  
PRODUCTS:

#### SECTION IV: FIRST AID MEASURES

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

EYE CONTACT: Immediately flush eyes with gently flowing warm water for 15 minutes or until irritation ceases. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting. Rinse mouth and give 240 – 300 mL of water. If vomiting occurs naturally, keep airway clear. Rinse mouth and readminister water. Seek immediate medical attention. Do not give anything by mouth unless victim is fully conscious.

INHALATION: Move patient to fresh air. Apply oxygen or artificial respiration required. If breathing difficulties, or distress, continue obtain medical attention.

#### SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Yellow-brown liquid; fatty odour
SPECIFIC GRAVITY:	0.94 – 0.97
BOILING POINT (°C):	Not determined
MELTING POINT (°C):	<-15
SOLUBILITY IN WATER:	Insoluble                      pH: Not applicable
PERCENT VOLATILE BY VOLUME:	Not determined
EVAPORATION RATE:	Not determined
VAPOUR PRESSURE (mmHg):	Not determined
VAPOUR DENSITY (air = 1):	Not determined
BULK DENSITY:	Not applicable

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

FLASH POINT: >210°C (COC)

FLAMMABLE LIMITS: Not determined

EXTINGUISHING MEDIA: CO<sub>2</sub>, foam, dry chemical, water fog.

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: While not considered flammable this product may be combustible under fire conditions.

**SECTION VII: REACTIVITY DATA**

STABILITY:	STABLE [XX]	UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	None known.	
CONDITIONS OF REACTIVITY:	Not determined.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

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

RESPIRATORY PROTECTION:	In absence of proper ventilation recommend approved organic vapour type respirator.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne levels below TLV.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Chemical goggles recommended.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest rubber apron. Ensure eye wash station and safety shower available.

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

Avoid prolonged or frequent contact when handling material. Do not inhale vapours or mist. Wear gloves and eye protection. Launder contaminated clothing before reuse. Keep containers closed when not in use. Store in cool dry location. Keep away from heat, sparks, and open flames.

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

Use appropriate safety equipment. Eliminate ignition sources. Stop leak if possible to do so without risk. Dike to prevent spread of material. Use vacuum to collect large spills. Soak up small spills with absorbent material. Collect contaminated material and absorbent in approved containers for disposal. Wash spill area thoroughly with soap and water.

**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 recycled, or disposed of, 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: July 21, 2008 BY: Product safety committee  
SUPERSEDES: January 9, 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.**