

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **May 3, 2017**
8750 – 53rd Ave. PHONE: **780-440-4923**
Edmonton, AB T6E 5G2 FAX: **780-469-1899**

PRODUCT NAME: **Torq-Glide**

PRODUCT USE: Oilwell 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

| INGREDIENT | % (w/w) | CAS NUMBER | LD ₅₀ Oral-Rat | LC ₅₀ 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 mild irritation.

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

INGESTION: May cause gastrointestinal irritation, nausea and/or vomiting. LD50 > 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 PRODUCTS: No information available.

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 unconscious, rapidly losing consciousness or convulsing. |
| 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 ₂ , 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. |
| HAZARDOUS COMBUSTION PRODUCTS: | No information available. |

SECTION VII: REACTIVITY DATA

| | | |
|--|--|------------------------------------|
| STABILITY: | <input checked="" type="checkbox"/> STABLE | <input type="checkbox"/> UNSTABLE |
| INCOMPATIBILITY (CONDITIONS TO AVOID): | None known. | |
| CONDITIONS OF REACTIVITY: | Not determined. | |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Oxides of carbon on combustion. | |
| HAZARDOUS POLYMERIZATION: | <input checked="" type="checkbox"/> WILL NOT OCCUR | <input type="checkbox"/> MAY OCCUR |

SECTION VIII: PREVENTIVE 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 contains herein is given in good faith, but no warranty, expressed or implied, is made.

DATE ISSUED: **May 3, 2017**
SUPERSEDES: **May 8, 2014**
BY: Regulatory Affairs
PHONE: 780-440-4923