

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **May 10, 2007**
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PRODUCT NAME: **Torq-2000**

PRODUCT USE: Oil well drilling fluid additive.
CHEMICAL FAMILY: Surfactants in a non-toxic solvent. CAS #: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B
WORKPLACE HAZARD: Skin and 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>LD₅₀Oral-Rat</u>	<u>LC₅₀Inhal-Rat</u>	<u>ACGIH-TLV</u>
Alkyl phenol ethoxylate	10-30	9016-45-9	5100 mg/kg	No information	No information

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [] INHALATION [] INGESTION
EYE CONTACT: Severe irritant. Can cause redness and tearing.
SKIN CONTACT: Severe irritant. Can cause redness and irritation.
INGESTION: May cause nausea, diarrhea, and abdominal cramps. Low oral toxicity.
INHALATION: Mists may cause upper respiratory tract irritation.
CARCINOGENICITY: No information available.
TERATOGENICITY: No information available.
REPRODUCTIVE TOXICITY: No information available.
MUTAGENICITY: No information available.

SYNERGISTIC PRODUCTS: No information available.

SECTION IV: FIRST AID MEASURES

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

EYE CONTACT: Immediately flush eyes with water for 15 minutes, or until irritation ceases. Seek immediate medical attention.

INGESTION: Give two glasses of water to dilute. Do not induce vomiting. 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 if required. If breathing difficulties or distress continues, obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Amber liquid; oily odour	
SPECIFIC GRAVITY:	0.985	
BOILING POINT (°C):	Not determined	
MELTING POINT (°C):	Not determined	
SOLUBILITY IN WATER:	Dispersible	pH: 6.0 – 7.5
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: >130°C (PMCC)

FLAMMABLE LIMITS: Not determined

EXTINGUISHING MEDIA: CO₂, 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):	Strong oxidizing agents	
CONDITIONS OF REACTIVITY:	Not applicable	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and oxides of sulphur 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 respirator with organic vapour cartridges.
VENTILATION:	In absence of proper 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 and/or face shield recommended. Do not wear contact lenses.
OTHER PROTECTIVE EQUIPMENT (Specify):	Suggest rubber apron. Ensure eye wash station and safety shower available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid ingestion. Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Launder contaminated clothing before reuse. Store in a cool area away from sources of ignition and incompatibles. Keep container tightly closed when not in use. Empty packages contain residual hazardous material; handle and store as if full.

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

Use appropriate safety equipment. Stop leak if possible to do so without risk. Soak up small spills with absorbent material. Large spills, dike to contain spill to prevent water pollution. Collect spilled material, and absorbents in approved containers for disposal. Flush spill area thoroughly with 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: May 10, 2007 BY: Product safety committee
SUPERSEDES: May 10, 2004 PHONE: 780-440-4923

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply, Hollimex Products, The Drilling Depot and
Westcoast Drilling Supplies.**