

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **October 18, 2007**
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PRODUCT NAME: **H.M.E Coupler**

PRODUCT USE: Oil well drilling fluid additive.
CHEMICAL FAMILY: Surfactant in hydrocarbon 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>
Ethoxylated nonylphenol	10-30	9016-45-9	5100 mg/kg	Not available	Not available

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [XX] INHALATION [XX] INGESTION
EYE CONTACT: Severe irritant. Can cause redness, irritation and possible tissue destruction.
SKIN CONTACT: **Can cause redness, irritation, and inflammation on prolonged contact.**
INGESTION: Low acute oral toxicity. May cause nausea, diarrhea and abdominal cramps.
INHALATION: Mists or vapours 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: Immediately flush contacted area with plenty of water for at least 15 minutes while removing contaminated clothing. If irritation develops, or persists, seek medical attention.

EYE CONTACT: Immediately flush with gently flowing warm water for 15 minutes, or until irritation ceases. Obtain medical attention when flushing is completed.

INGESTION: Do not induce vomiting. Have victim rinse mouth with water and drink one to two glasses of water to dilute material. If spontaneous vomiting occurs keep head below hips to ensure vomitus is not aspirated and readminister water. Obtain immediate medical attention. Never give anything by mouth unless victim is fully unconscious.

INHALATION: Move victim 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:	Clear water white liquid; little odour
SPECIFIC GRAVITY:	0.86
BOILING POINT (°C):	Not determined
MELTING POINT (°C):	Not determined
SOLUBILITY IN WATER:	Insoluble pH: Not determined
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:	> 125°C (TCC)
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. Move containers from fire area, or cool with water spray, if possible.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product may be combustible under fire conditions.

SECTION VII: REACTIVITY DATA**STABILITY:**

STABLE [XX]

UNSTABLE []

INCOMPATIBILITY

Strong oxidizing agents.

(CONDITIONS TO AVOID):**CONDITIONS OF REACTIVITY:**

Not available.

HAZARDOUS DECOMPOSITION

Oxides of carbon.

PRODUCTS:**HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR [XX]

MAY OCCUR []

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

Approved respirator with organic vapour cartridges if ventilation is not adequate.

VENTILATION:

General mechanical is sufficient for normal temperatures. Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne levels below TLV, if vapours or mists are generated during use.

PROTECTIVE GLOVES:

Suggest neoprene.

EYE PROTECTION:

Chemical goggles and/or face shield should be worn. Do not wear contact lenses.

OTHER PROTECTIVE EQUIPMENT (Specify):

Suggest rubber apron. Ensure emergency eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Practice reasonable caution and personal cleanliness. Avoid skin and eye contact. Avoid ingestion. Wash thoroughly after handling. **Laundry contaminated clothing before reuse. Discard contaminated leather goods; footwear, belts, watchbands, etc.** Store in cool, dry, well-ventilated area away from incompatibles and open flames. Empty packaging contains residual hazardous material; store and handle as if full.

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

Use appropriate safety equipment. Eliminate ignition sources. Stop leak if able to do so without risk. Dike to prevent spread of spilled material. Soak up small spills with absorbent material. Collect large spills by vacuum. Return uncontaminated material for repackaging. Collect contaminated material and absorbents in approved containers for disposal. Flush spill area 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, must be disposed of, or recycled, 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:	October 18, 2007	BY:	Product safety committee
SUPERSEDES:	May 10, 2007	PHONE:	780-440-4923

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