

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **March 14, 2007**
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Edmonton, AB T6E 5G2 FAX: 780-469-1899

PRODUCT NAME: **Magma Fibre**

PRODUCT USE: Oil well drilling fluid additive
CHEMICAL FAMILY: Mineral fiber CAS #: **Not available**

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: **Not WHMIS controlled**
WORKPLACE HAZARD: **Treat as a nuisance dust**

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>
		No hazardous ingredients listed.			

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: []EYE CONTACT []SKIN []INHALATION []INGESTION
EYE CONTACT: Mechanical irritant.
SKIN CONTACT: **May cause transitory irritation.**
INGESTION: No adverse effects expected.
INHALATION: **May cause transitory irritation of the upper respiratory tract.**
CARCINOGENICITY: **IARC; Class 2B; NTP; Not classified; ACGIH; Not classified**
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: If irritation occurs, or when shift ends, wash with soap and water until clean.

EYE CONTACT: Flush with gently flowing warm water until irritation ceases. If irritation persists, contact a physician.

INGESTION: If large amounts ingested, get immediate medical attention.

INHALATION: Move to area free from dust. If symptoms or irritation persist contact physician. Inhalation may aggravate existing respiratory illness.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White-gray/tan powder; odourless	
SPECIFIC GRAVITY:	2.6	
BOILING POINT (°C):	Not determined	
MELTING POINT (°C):	1315	
SOLUBILITY IN WATER:	<0.2%	pH: 7.0 - 8.0
PERCENT VOLATILE BY VOLUME:	Not applicable	
EVAPORATION RATE:	Not applicable	
VAPOUR PRESSURE (mmHg):	Not applicable	
VAPOUR DENSITY (air = 1):	Not applicable	
BULK DENSITY:	Not available	

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Not flammable
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Use media suitable for surrounding materials and packaging.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Not known.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong acids; may give off hydrogen sulphide gas.	

CONDITIONS OF REACTIVITY: **Not available.**
 HAZARDOUS DECOMPOSITION: Not available.
 PRODUCTS:
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR [XX] MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved dust masks or respirators recommended.
 VENTILATION: Use local exhaust ventilation, process enclosure or other engineering controls to maintain PEL's/TLV's
 PROTECTIVE GLOVES: Personal preference.
 EYE PROTECTION: Safety glasses or goggles recommended.
 OTHER PROTECTIVE EQUIPMENT (Specify): Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid creating dust. Avoid breathing dust; wear an approved respirator. Practice reasonable caution and personal cleanliness. Launder contaminated clothing before reuse. Avoid eye contact. Store in cool, dry area.

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

Avoid breathing dust; wear an approved respirator. Vacuum up, if possible, to avoid generating airborne dust. Collect uncontaminated material for repackaging. Collect contaminated material in approved containers for disposal. Wash spill area with water.

WASTE DISPOSAL METHOD

Dispose of in accordance with federal, provincial and local regulations. **This product may be suitable for disposal in landfills; check with local operator.** It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
 BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: **March 14, 2007** BY: Product safety committee
 SUPERSEDES: **September 27, 2005** PHONE: 780-440-4923

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