



SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **March 11, 2016**
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PRODUCT NAME: **MAGMA FIBER**

PRODUCT USE: Oilwell drilling fluid additive
 CHEMICAL FAMILY: Mineral fiber CAS #: 65997-17-3

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

INGREDIENT	% (w/w)	CAS NUMBER	LD ₅₀ Oral-Rat	LC ₅₀ Inhal-Rat	ACGIH-TLV
No hazardous ingredients listed.					

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN CONTACT 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: Insoluble pH: Not available

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.

HAZARDOUS COMBUSTION PRODUCTS: No information available.

SECTION VII: REACTIVITY DATA

STABILITY: STABLE UNSTABLE

INCOMPATIBILITY (CONDITIONS TO AVOID): Avoid contact with strong acids; may give off hydrogen sulphide gas.

CONDITIONS OF REACTIVITY: Not available.

HAZARDOUS DECOMPOSITION PRODUCTS: Not available.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR MAY OCCUR

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

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