

**SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.** DATE: **May 5, 2016**  
**8750 – 53<sup>rd</sup> Ave.** PHONE: **780-440-4923**  
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PRODUCT NAME: **Super-Sweep Fiber**

PRODUCT USE: Oilwell drilling and cementing additive.  
CHEMICAL FAMILY: Organic polymer CAS #: **9003-07-0**

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

WHMIS CLASSIFICATION: Not a controlled product under WHMIS  
WORKPLACE HAZARD: No known hazards

**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 <sub>50</sub> Oral-Rat	LC <sub>50</sub> 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 mechanical irritation.  
SKIN CONTACT: May cause slight discomfort.  
INGESTION: No evidence of harmful effects from available information.  
INHALATION: May cause irritation.  
CARCINOGENICITY: Not listed by IARC, NTP or OSHA.  
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. If irritation persists, seek medical attention.
EYE CONTACT:	Flush thoroughly with gently flowing warm water until particles are removed and irritation ceases. Hold eyelids open to ensure thorough flushing. If irritation persists, seek medical attention.
INGESTION:	If a large quantity is swallowed obtain medical advice.
INHALATION:	Remove to fresh air. Apply oxygen or artificial respiration if required. Seek medical attention if symptoms develop.

**SECTION V: PHYSICAL DATA**

APPEARANCE AND ODOUR:	White filaments; no odour	
SPECIFIC GRAVITY:	1.3	
BOILING POINT (°C):	Not available	
MELTING POINT (°C):	260	
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:	<b>316°C</b>
FLAMMABLE LIMITS:	Not applicable
EXTINGUISHING MEDIA:	Use alcohol based or all-purpose foam for large fires. Use CO <sub>2</sub> or dry chemical medial for small fires.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire-fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None identified.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon produced upon combustion.

**SECTION VII: REACTIVITY DATA**

STABILITY:	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizers. Tends to dissolve in caustic materials.	
CONDITIONS OF REACTIVITY:	Not available.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.	
HAZARDOUS POLYMERIZATION:	<input checked="" type="checkbox"/> WILL NOT OCCUR	<input type="checkbox"/> MAY OCCUR

## SECTION VIII: PREVENTIVE MEASURES

### SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Wear NIOSH/MESA approved dust mask or respirator with dust cartridges if dust is generated during use. <b>Wear a type C full face supplied air respirator when the fiber concentration exceeds 50 fibers/cc.</b>
VENTILATION:	General mechanical ventilation is normally adequate. Use local exhaust ventilation, process enclosure or other engineering controls to maintain level of airborne dust below TLV.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Suggest goggles or safety glasses with side-shields be worn.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure emergency eye wash station and safety shower are available when handling chemicals.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Launder contaminated clothing before reuse. Avoid dispersion of dust in air to reduce potential for dust ignition/explosion. Store in sealed containers in a cool, dry area away from oxidizers. Keep away from heat, sparks, and open flames.

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

Wear suitable protective equipment. Sweep up or vacuum spilled material. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal.

### WASTE DISPOSAL METHOD

Dispose in accordance with federal, provincial and local regulations. This product, if uncontaminated, can be land-filled in most areas; 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. Dispose of, or recycle, empty packaging 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:	<b>May 5, 2016</b>
SUPERSEDES:	<b>May 17, 2013</b>
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