

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **June 24, 2015**
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PRODUCT NAME: **Staflor EXLO Supreme**

PRODUCT USE: Oilwell drilling fluid additive
CHEMICAL FAMILY: Sodium carboxymethylcellulose CAS #: Not available

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS
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
Contains no WHMIS controlled ingredients.					

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: EYE CONTACT SKIN CONTACT INHALATION INGESTION
EYE CONTACT: Contact with dust causes mild mechanical irritation.
SKIN CONTACT: None expected.
INGESTION: None expected.
INHALATION: Inhaling dust may cause respiratory 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. Material will become slippery and swell on contact with water.
EYE CONTACT:	Immediately flush with gently flowing warm water for at least 15 minutes, or until irritation ceases. If irritation persists, obtain medical attention.
INGESTION:	No effects expected. If symptoms develop obtain medical attention.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues obtain medical attention.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Free flowing white powder; no odour
SPECIFIC GRAVITY:	1.55
BOILING POINT (°C):	Not applicable
MELTING POINT (°C):	Not applicable
SOLUBILITY IN WATER:	Limited by viscosity pH: 7.5
PERCENT VOLATILE BY VOLUME:	Not applicable
EVAPORATION RATE:	Not applicable
VAPOUR PRESSURE (mmHg):	Not applicable
VAPOUR DENSITY (air = 1):	Not applicable
BULK DENSITY:	Not applicable

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>350°C
FLAMMABLE LIMITS:	Not determined
EXTINGUISHING MEDIA:	Dry chemical, CO ₂ or foam in preference to water.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus required for fire-fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material becomes very slippery when contacted with water. May form flammable dust-air mixtures.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.

SECTION VII: REACTIVITY DATA

STABILITY:	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid contact with strong oxidizing agents. Avoid creating dust clouds in presence of ignition sources.	
CONDITIONS OF REACTIVITY:	Strong oxidizing agents and caustic solutions.	
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:	Suggest dust mask for dust levels below TLV. Use an approved respirator with dust cartridges for airborne dust levels greater than the TLV.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain airborne dust levels below TLV.
PROTECTIVE GLOVES:	Impervious gloves.
EYE PROTECTION:	Safety glasses with side-shield or goggles recommended.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure eyewash station and emergency shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid skin and eye contact. Avoid inhalation and ingestion. Store in sealed containers in a cool, dry place away from incompatibles, ignition sources and sunlight. Warning: Static charges generated by emptying package in, or near, flammable vapours may cause flash fire. May form flammable dust-air mixtures. Avoid ignition sources such as sparks and flame. Ground all equipment. In addition, when emptying bags where flammable vapours may be present, blanket vessel with inert gas, ground operator, and pour material slowly into conductive, grounded chute.

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

Use appropriate safety equipment. Vacuum or sweep-up if dry. If wet, pick up with dry material such as sand or dirt. Avoid flushing with water as material becomes slippery. Collect uncontaminated material for repackaging. Collect contaminated material and absorbents in approved containers for disposal.

WASTE DISPOSAL METHOD

Dispose/landfill 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.

SECTION IX: PREPARATION

The information contains herein is given in good faith, but no warranty, expressed or implied, is made.

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