

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **March 28, 2008**  
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PRODUCT NAME: **SAWDUST**

PRODUCT USE: Oil well drilling fluid additive  
CHEMICAL FAMILY: Wood by-product CAS #: None

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS.  
WORKPLACE HAZARD: Not applicable.

## 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>LD<sub>50</sub> Oral-Rat</u>	<u>LC<sub>50</sub> Inhal-Rat</u>	<u>ACGIH-TLV</u>
		Contains no WHMIS controlled ingredients			

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY:  EYE CONTACT  SKIN  INHALATION  INGESTION  
EYE CONTACT: Mechanical irritant.  
SKIN CONTACT: No effects expected. Abrasion may occur with prolonged contact.  
INGESTION: No toxic effects expected.  
INHALATION: Possible irritation of nasal passages, throat and bronchial passages.  
People with existing respiratory problems should avoid wood dust.  
CARCINOGENICITY: Not applicable  
TERATOGENICITY: Not applicable  
REPRODUCTIVE TOXICITY: Not applicable  
MUTAGENICITY: Not applicable

SYNERGISTIC PRODUCTS: Not applicable

#### SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water. If irritation develops, obtain medical attention.

EYE CONTACT: Flush eye to remove debris. If irritation persists, obtain medical attention.

INGESTION: If a large amount is ingested, consult a physician.

INHALATION: Move patient from dusty environment. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continues obtain medical attention.

#### SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	Yellow granular flake; woody odour	
SPECIFIC GRAVITY:	Variable	
BOILING POINT (°C):	Not applicable	
MELTING POINT (°C):	Not applicable	
SOLUBILITY IN WATER:	Insoluble	pH: Not applicable
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 applicable	
FLAMMABLE LIMITS:	LEL: 40 gm/m <sup>3</sup>	UEL: Variable
EXTINGUISHING MEDIA:	Dry chemical, carbon dioxide, water spray or foam. Suggest water spray for large fires.	
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:	Material will burn under fire conditions. Autoignition temperature = 400-500°F.	

**SECTION VII: REACTIVITY DATA**

STABILITY:	STABLE [ XX]	UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	Incompatible with oxidizers. Avoid open flames and high temperatures.	
CONDITIONS OF REACTIVITY:	Contact with strong oxidizers. May undergo autoignition at high temperatures.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition will result in the following: Water, carbon dioxide, formic acid, acetic acid, carbon monoxide, methane, wood coal and aldehydes.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

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

RESPIRATORY PROTECTION:	Suggest NIOSH approved dust mask. OEL = 5 mg/m <sup>3</sup> for non-allergenic wood dust.
VENTILATION:	General mechanical sufficient for normal conditions of use.
PROTECTIVE GLOVES:	Suggest PVC or rubber.
EYE PROTECTION:	Suggest goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Long-sleeve shirt and coveralls. Ensure eye wash station and emergency shower available.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Eye and respiratory protection suggested when handling this material. Store in a cool dry area away from incompatibles and open flames.

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

Wear suitable protective equipment. Eliminate ignition sources. Sweep up and collect uncontaminated material for repackaging. Sweep up and collect contaminated material in approved containers for disposal.

**WASTE DISPOSAL METHOD**

Dispose/incinerate in accordance with all federal, provincial and local regulations. It is the responsibility of the 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.

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BY: Product safety committee

SUPERSEDES: **March 30, 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.**