

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **November 25, 2008**  
**8750 – 53<sup>rd</sup> Ave.** PHONE: 780-468-4064  
**Edmonton, AB T6E 5G2** FAX: 780-469-1899

PRODUCT NAME: **Salt**  
**(No. 5 Coarse Salt, No. 8 Rock Salt, Salt-Fine 20kg)**

PRODUCT USE: Oil well drilling fluid additive.  
CHEMICAL FAMILY: Sodium chloride CAS #: 7647-14-5

## 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: May cause minor irritation.  
SKIN CONTACT: May cause minor irritation.  
INGESTION: May cause irritation of the mouth, esophagus, and stomach. Non-toxic.  
INHALATION: Slight irritation of the upper respiratory tract.  
CARCINOGENICITY: No evidence of carcinogenicity.  
TERATOGENICITY: No information available.  
REPRODUCTIVE: No information available.  
TOXICITY:  
MUTAGENICITY: No information available.

SYNERGISTIC PRODUCTS: No information available.

#### SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Flush with water. If irritation develops, use a hand lotion or hand cream to help moisturize skin surface. If irritation persists, obtain medical attention.

EYE CONTACT: Flush with gently flowing warm water for minimum 15 minutes. If irritation persists, obtain medical attention.

INGESTION: Do not induce vomiting. Obtain immediate medical attention.

INHALATION: Move to fresh air. Apply oxygen or artificial respiration as required. If breathing difficulties or distress continues, consult a physician.

#### SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR:	White granules; odourless
SPECIFIC GRAVITY:	2.16
BOILING POINT (°C):	1413
MELTING POINT (°C):	804
SOLUBILITY IN WATER:	36g / 100g H <sub>2</sub> O @ 20°C      pH: 6.0 – 8.0
PERCENT VOLATILE BY VOLUME:	0
EVAPORATION RATE:	Not applicable
VAPOUR PRESSURE (mmHg):	1.0 mm @ 865°C
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 packaging and surrounding material.
SPECIAL FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.

**SECTION VII: REACTIVITY DATA**

STABILITY:	STABLE [XX]	UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	Lithium, bromine trifluoride, strong acids and strong oxidizing agents.	
CONDITIONS OF REACTIVITY:	Not applicable	
HAZARDOUS DECOMPOSITION PRODUCTS:	Chlorine, sodium oxide	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

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

RESPIRATORY PROTECTION:	Suggest NIOSH/MESA approved dust mask.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls to maintain levels of airborne dust below TLV.
PROTECTIVE GLOVES:	Suggest gloves (plastic or rubber recommended).
EYE PROTECTION:	Suggest safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT (Specify):	Protective clothing recommended when handling chemicals. Ensure eye wash station and emergency shower are available.

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

Avoid contact with skin and eyes. Avoid ingestion. Wash thoroughly after handling. Store in a cool, dry area away from incompatibles.

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

Use appropriate safety equipment. Contain spill. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash spill area with water.

**WASTE DISPOSAL METHOD**

Dispose of in accordance with federal, provincial and local regulations. This material may be land-filled in many locations. 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: **November 25, 2008** BY: Product safety committee  
SUPERSEDES: **None** PHONE: 780-440-4923

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