



Prairie Mud Service

"Serving Western Canada with 24 Hour Drilling Mud Service"

SALT

COMPANY: **Diversity Technologies Corp.**
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Edmonton, AB T6E 5G2

DATE: **November 14, 2014:**
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SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: **Salt**

(No. 5 Coarse Salt, No. 8 Rock Salt, Salt-Fine 20kg)

PRODUCT USE: Oilwell drilling fluid & cement 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

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: D EYE CONTACT D SKIN CONTACT D 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 TOXICITY: No information available.
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 H₂O @ 20°C pH: 6.0 - 8.0
PERCENT VOLATILE BY VOLUME: 0
EVAPORATION RATE: Not applicable
VAPOUR PRESSURE (mmHg): 1.0 @ 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 firefighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.
HAZARDOUS COMBUSTION PRODUCTS: No information available.

SECTION VII: REACTIVITY DATA

STABILITY: STABLE D 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 D MAY OCCUR

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

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SUPERSEDES: **November 17, 2011**

BY: Regulatory Affairs
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