

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **August 19, 2010**
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PRODUCT NAME: **Can-Break EBS**

PRODUCT USE: Oil well fluid additive
CHEMICAL FAMILY: Enzymes and acid blend CAS#: Mixture

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: D2B
WORKPLACE HAZARD: Skin and severe eye irritant

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>LD₅₀Oral-Rat</u> | <u>LC₅₀Inhal-Rat</u> | <u>ACGIH-TLV</u> |
|-------------------|----------------|-------------------|--------------------------------|---------------------------------|------------------|
| Citric acid | 30-60 | 77-92-9 | 3000mg/kg | Not determined | Not established |

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX]EYE CONTACT [XX]SKIN [XX]INHALATION [XX]INGESTION

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: May cause irritation, redness and itching.

INGESTION: May cause gastrointestinal irritation; symptoms may include nausea, vomiting and diarrhea. Extremely large doses may cause dental erosion.

INHALATION: Dust may irritate the nose and throat. Inhalation may cause irritation of the mucous membranes.

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: Flush with plenty of water. Remove contaminated clothing and shoes. If irritation persists or develops later obtain medical attention.
EYE CONTACT: Immediately flush with gently flowing warm water for minimum 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids. Get immediate medical attention when flushing period is complete.
INGESTION: Do not induce vomiting. If conscious, give two to four glasses of water. Get immediate medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing,
INHALATION: Move to fresh air. Apply oxygen or artificial respiration if required. If breathing difficulties or distress continue, obtain medical attention

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: White granular powder; odourless
SPECIFIC GRAVITY: 1.6
BOILING POINT (°C): Not applicable
MELTING POINT (°C): Not determined
SOLUBILITY IN WATER: Soluble pH: 2.6 (10% w/v sol'n)
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: Not applicable
EXTINGUISHING MEDIA: Water, dry chemical, foam or CO₂.
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus required for fire fighting personnel. Move containers from fire area if possible.

UNUSUAL FIRE AND
EXPLOSION HAZARDS:

None known.

SECTION VII: REACTIVITY DATA

| | | |
|---|---|---------------|
| STABILITY: | STABLE [XX] | UNSTABLE [] |
| INCOMPATIBILITY (CONDITIONS TO AVOID): | Alkali metals, organic acids, oxides of sulphur and strong bases. | |
| CONDITIONS OF REACTIVITY: HAZARDOUS DECOMPOSITION PRODUCTS: | Oxides of carbon on combustion. | |
| HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR [XX] | MAY OCCUR [] |

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

| | |
|--|--|
| RESPIRATORY PROTECTION: | Suggest NIOSH approved dust mask for normal conditions of use. Use approved respirator with dust cartridges if TLV is exceeded. |
| VENTILATION: | Use in well ventilated area. Use local exhaust ventilation, process enclosure or other engineering control to maintain level of airborne dust below TLV. |
| PROTECTIVE GLOVES: | Suggest plastic or rubber. |
| EYE PROTECTION: | Safety glasses or chemical goggles should be worn when handling this material. Do not wear contact lenses when handling. |
| OTHER PROTECTIVE EQUIPMENT (Specify): | Suggest rubber apron. Ensure eye wash station and safety shower are available. |

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Launder contaminated clothing before reuse. Store in cool, dry, well-ventilated place away from incompatibles. Keep bags or fiber drums dry at all times. Empty package contains residual hazardous material; handle and store in appropriately.

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

Use appropriate safety equipment. Sweep up or vacuum to collect spilled material. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water.

WASTE DISPOSAL METHOD

Dispose 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 CONTAINED HEREIN IS GIVEN IN GOOD FAITH,
BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

DATE ISSUED: August 19, 2010 BY: Product safety committee
SUPERSEDES: January 10, 2008 PHONE: 780-440-4923

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