

MATERIAL SAFETY DATA SHEET**SECTION I: IDENTIFICATION OF PRODUCT**

COMPANY: **Diversity Technologies Corp.** DATE: Oct 17, 2006
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PRODUCT NAME: **ENVIROFLOC (Calcium Nitrate)**

PRODUCT USE: Oil-well drilling fluid additive CAS#: 6484-52-2
Oil-well cement additive 10124-37-5

CHEMICAL FAMILY: Double salt of calcium nitrate and ammonium nitrate containing not more than 15.5% nitrogen and at least 12% water.
 $\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$

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 TDG regulated**
TDG CLASSIFICATION: Not applicable
UN NUMBER (PIN): Not applicable
PACKING GROUP: Not applicable

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₅₀ Oral-Rat</u>	<u>LC₅₀ Inhal-Rat</u>	<u>ACGIH-TLV</u>
Hydrated ammonium and calcium nitrate	100	6484-52-2 10124-37-5	No information	No information	Not listed

SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [XX] SKIN [XX] INHALATION [XX] INGESTION
EYE CONTACT: May cause mild eye irritation.
SKIN CONTACT: May cause skin rash or sores particularly if skin is broken at point of contact.

EXTINGUISHING MEDIA:	Use water spray to cool fire exposed surface
SPECIAL FIRE FIGHTING PROCEDURES:	Self contained breathing apparatus required for fire fighting personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May give off noxious fumes under fire conditions.

SECTION VII: REACTIVITY DATA

STABILITY:	STABLE [XX]	UNSTABLE []
INCOMPATIBILITY (CONDITIONS TO AVOID):	In high pH (caustic) environments this material will release ammonia. Avoid high temperatures.	
CONDITIONS OF REACTIVITY:	Not available	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of nitrogen may be produced in fires.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR []

SECTION VIII: PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	In absence of adequate ventilation an approved dust mask should be worn. If TLV is exceeded wear an approved respirator with dust cartridges.
VENTILATION:	Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain level of airborne dust below TLV.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Suggest safety glasses with side shields. Suggest chemical goggles be worn when preparing solutions.
OTHER PROTECTIVE EQUIPMENT (Specify):	Long sleeved shirt, trousers, safety shoes. Ensure emergency eye wash station and safety shower are available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Avoid contact with eyes and skin. Store in a cool, dry place away from incompatibles. Keep container tightly closed when not in use. Containers, even those that have been emptied, will retain product residue; always obey hazard warnings and handle any empty containers as if full.

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

Wear appropriate protective equipment, including rubber boots, rubber gloves, rubber apron and chemical goggles. Sweep up and place in proper containers. Collect uncontaminated material for repackaging. Collect contaminated material in approved container for disposal. Wash spill area with water. Do not allow spilled material, or wash water, to enter storm sewers or public waterways.

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.

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BY: Product safety committee

SUPERSEDES: Oct 17, 2003

**Diversity Technologies Corp. is the parent company of
Canamara-United Supply Ltd., Hollimex Products Ltd. and Canamara SDS.**