

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **December 5, 2008**  
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**Edmonton, AB T6E 5G2** FAX: 780-469-1899

PRODUCT NAME: **Hyperdrill CP 900 Series**  
**HYPERDRILL CP 905**  
**HYPERDRILL CP 910 / HYPERFLOC CP 910**  
**HYPERDRILL CP 911**  
**HYPERDRILL CP944**

PRODUCT USE: Oil well drilling fluid additive.  
CHEMICAL FAMILY: Cationic polyacrylamide CAS #: Not available

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not WHMIS controlled  
WORKPLACE HAZARD: Treat as a nuisance dust

## 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: [XX] EYE CONTACT [XX] SKIN [XX] INHALATION [XX] INGESTION  
EYE CONTACT: Particles may cause mechanical irritation.  
SKIN CONTACT: No effects expected. Prolonged or repeated exposure may cause irritation in some people.  
INGESTION: No effects expected. LD<sub>50</sub> Oral-Rat > 5000 mg/kg.  
INHALATION: No effects expected. Exposure to high levels of dust may cause upper respiratory tract irritation including coughing and sneezing.



**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:**

As with most organic powders, flammable dust clouds may be formed in air. Avoid creating dust. Avoid sources of ignition.

**SECTION VII: REACTIVITY DATA****STABILITY:**

STABLE [XX]

UNSTABLE [ ]

**INCOMPATIBILITY**

Oxidizing agents may cause exothermic reactions.

**(CONDITIONS TO AVOID):**

Avoid high temperatures, open flames, sparks and all other sources of ignition.

**CONDITIONS OF REACTIVITY:**

Not available.

**HAZARDOUS DECOMPOSITION**

Thermal decomposition may produce oxides of carbon and oxides of nitrogen.

**PRODUCTS:****HAZARDOUS POLYMERIZATION:**

WILL NOT OCCUR [XX]      MAY OCCUR [ ]

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

Use dust mask if handling in bulk to prevent inhalation of airborne particles.

**VENTILATION:**

If high dusting occurs, use process enclosure, local exhaust ventilation or other engineering controls to reduce occupational exposure.

**PROTECTIVE GLOVES:**

Recommend leather.

**EYE PROTECTION:**

Safety glasses with side shields recommended. Do not wear contact lenses.

**OTHER PROTECTIVE EQUIPMENT (Specify):**

As necessary to prevent contact. Ensure eye-wash station and emergency shower are available.

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

Avoid prolonged or repeated breathing of dust and contact with skin. Remove contaminated clothing; launder before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by washing thoroughly with soap and water. Store in a cool, dry area away from ignition sources. When stored under these conditions, the product has a shelf life of at least one year. Storage of solutions in stainless steel, plastic or epoxy-lined tanks are recommended. Iron, aluminum or copper are to be avoided in both storage and feeding equipment.

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

Use appropriate safety equipment. Do not flush with water. Clean up by shovel or vacuum. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. After cleaning; wash spill area thoroughly with bleach solution. Avoid creating dust clouds when cleaning up spilled material.

### **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:           December 5, 2008           BY:           Product safety committee  
SUPERSEDES:           December 14, 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.**