

# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

COMPANY: **Diversity Technologies Corp.** DATE: **Mar. 7, 2007**  
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**Edmonton, AB T6E 5G2** FAX: 780-469-1899

PRODUCT NAME: **Alkapam C Series / Synerfloc C-1803**

PRODUCT USE: Oil well drilling fluid additive  
CHEMICAL FAMILY: Cationic polyacrylamide CAS# 69418-26-4

## WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a controlled product under WHMIS.  
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>
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Contains no WHMIS controlled ingredients

## SECTION III: HEALTH HAZARDS

ROUTE OF ENTRY: [XX] EYE CONTACT [ ] SKIN [XX] INHALATION [ ] INGESTION  
EYE CONTACT: Slightly irritating. May cause redness and/or irritation.  
SKIN CONTACT: May cause slight irritation in some individuals. Prolonged or repeated contact may cause redness and/or irritation.  
INGESTION: No adverse effect expected.  
INHALATION: May cause sneezing, slight irritation of nose and throat.  
CARCINOGENICITY: No information available.  
TERATOGENICITY: No information available.  
REPRODUCTIVE TOXICITY: No information available.



**SECTION VII: REACTIVITY DATA**

STABILITY:	STABLE [XX]	UNSTABLE [ ]
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong oxidizing and reducing agents. Avoid heat and ignition sources including static charge buildup.	
CONDITIONS OF REACTIVITY:		
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and oxides of nitrogen on combustion.	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR [XX]	MAY OCCUR [ ]

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

RESPIRATORY PROTECTION:	Suggest NIOSH/MESA approved dust mask.
VENTILATION:	General mechanical sufficient for normal use. Use local exhaust, ventilation, process enclosure or other engineering controls to maintain levels of airborne dust below TLV.
PROTECTIVE GLOVES:	Suggest plastic or rubber.
EYE PROTECTION:	Safety glasses or goggles are recommended.
OTHER PROTECTIVE EQUIPMENT (Specify):	Clothing as required to prevent contact. Ensure eye wash station and emergency shower are available.

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

Avoid prolonged or frequent contact when handling material. Wear suitable protective equipment to prevent skin and eye contact. Avoid inhalation and ingestion. Wash thoroughly after handling. Keep container closed when not in use. Store in cool and dry location away from ignition sources and incompatibles. Use non-sparking tools and ground/bonded equipment and containers when transferring. Avoid creating dusts, as this product is pyrophoric in powder form.

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

Use appropriate safety equipment. Ventilate area. Eliminate ignition sources. Sweep up and collect material using nonsparking equipment. Avoid creating dust. Sweep up and scoop, or vacuum to collect. Collect uncontaminated material for repackaging. Collect contaminated material for disposal. Wash spill site after material pick-up. Water solutions are very slippery. Do not allow material to enter 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.

DATE ISSUED:           **March 7, 2007**                   BY:           Product safety committee  
SUPERSEDES:           **March 26, 2004**                   PHONE:       780-440-4923

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