



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Envirochem - FLC
PRODUCT USE: Drilling Mud additive
CHEMICAL FAMILY: Organophilic Lignite

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not Controlled
WORK PLACE HAZARD: N/A

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Regulated
TDG CLASSIFICATION: N/A
UN NUMBER (PIN): N/A
PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD</u> <u>(50)</u> <u>Oral-Rat</u>	<u>OSHA PEL</u> -	<u>ACGIH TLV</u>
Calcium Hydroxide	Prroprietary	1305-62-0	N/A	N/A	5 mg/m ³

SECTION III: TOXICOLOGICAL PROPERTIES

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

EYE CONTACT: Dust may cause irritation resulting in redness or burning sensation.
SKIN CONTACT: Prolonged exposure may cause burns or irritation resulting in redness and irritated skin.
INGESTION: Large doses can result to mucous membranes causing a burning sensation.
INHALATION: May cause irritation of nasal and respiratory passages in burning and tightness in chest.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash exposed area with soap and water for at least fifteen minutes. Remove and launder contaminated clothing. If irritation or adverse symptoms develop, seek medical attention.
EYE CONTACT: Immediately flush eyes with running water for at least 15 minutes. If irritation or adverse symptoms develop, seek medical attention.
INGESTION: Give at least two glasses of water.
INHALATION: Remove to fresh air. Administer oxygen if breathing is difficult. If difficulty persists, see physician.

SECTION V: PHYSICAL DATA



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APPEARANCE AND ODOUR:	Black powder
SPECIFIC GRAVITY:	N/A
BOILING POINT (°C):	N/A
MELTING POINT (°C):	N/A
pH:	N/D
SOLUBILITY IN WATER:	Insoluble
PERCENT VOLATILE BY VOLUME:	N/D
EVAPORATION RATE:	N/A
VAPOUR PRESSURE (mm Hg):	N/D
VAPOUR DENSITY (Air = 1):	N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	Dry chemical, foam, water fog, CO2
SPECIAL FIRE FIGHTING PROCEDURES:	None known. Recommend respirators for fire fighting personnel to protect from any hazardous decomposition products.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	None Known.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen may form on combustion.	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	Under dusty conditions, use NIOSH approved air purifying respirator for non-toxic dusts.
VENTILATION:	Local ventilation suggested where concentrations of dust may exceed 2 mg/m ³ .
PROTECTIVE GLOVES:	In cases of potential prolonged contact, wear impervious gloves.
EYE PROTECTION:	NIOSH approved goggles under dusty conditions.
OTHER PROTECTIVE EQUIPMENT:	Eye bath and safety shower should be readily available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Wash thoroughly after handling. Avoid prolonged or frequent contact when handling material. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wear protective equipment and launder contaminated clothing before reuse. Use with adequate ventilation. Keep container closed when not in use.



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

Use appropriate safety equipment. Pick up with shovel avoiding dusty conditions.

WASTE DISPOSAL METHOD

Certified landfill or incineration under conditions that meets with approval of federal, provincial, and local regulations.

SECTION IX: PREPARATION

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

DATE PRINTED:	March 28, 2007	BY:	MILLENNIUM TECHNOLOGIES LTD.
DATE MODIFIED:	February 2007	APPROVED BY:	
SUPERSEDES:	August 2005		
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