



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: GYPSUM
PRODUCT USE: Oil Well Fluid Additive
CHEMICAL FAMILY: Calcium Sulphate (Ca(SO₄))

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a Controlled Product Under WHMIS
WORK PLACE HAZARD: N/A

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Not Regulated Under TDG
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₍₅₀₎ Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

Gypsum dust presents no more hazard than any common dust and, accordingly, an exposure limit of 5 mg/m³ has been established for a worker who spends 8 hours in such an atmosphere. At greater concentration levels than this special precautions must be taken or exposure times must be reduced. Gypsum dust is not hazardous to the skin or eyes but may cause skin dryness or eye irritation. If dust does get in the eyes, it can be washed out with cool, clean water.

SECTION IV: FIRST AID MEASURES

EMERGENCY PROCEDURES: Treat as nuisance dust.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: Light grey; odourless



MATERIAL SAFETY DATA SHEET

SPECIFIC GRAVITY:	2.9 g/cc
BOILING POINT (°C):	N/A
MELTING POINT (°C):	1450°C
pH:	6.5
SOLUBILITY IN WATER:	Slightly Soluble
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
BULK DENSITY (GRANULAR):	1096 kg/m ³

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	Medium necessary for packaging.
SPECIAL FIRE FIGHTING PROCEDURES:	No special requirements.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Strong acids.	
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide (CO ₂)	
HAZARDOUS POLYMERIZATION:	Will Not Occur [XX]	May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	NIOSH/MESA mask; nuisance dust.
VENTILATION:	No special requirements.
PROTECTIVE GLOVES:	Gloves or hand lotion (to avoid dry skin).
EYE PROTECTION:	Suggest goggles; nuisance dust.
OTHER PROTECTIVE EQUIPMENT:	None required.



MATERIAL SAFETY DATA SHEET

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid ingestion. Practice reasonable caution and personal cleanliness.

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

Treat like sand spill; this material is not water soluble. Sweep or vacuum up.

WASTE DISPOSAL METHOD

Dispose of material in accordance with local ordinances. Landfill is suggested.

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:	May 2004		
24 HOUR PHONE:	403-252-5904		