MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Barite
PRODUCT USE: Oil Well Fluid Additive
CAS NO. 7727-43-7
CHEMICAL FAMILY: Barium Sulphate; Barite

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 Dangerous Goods
TDG CLASSIFICATION: N/A
UN NUMBER (PIN): N/A
PACKING GROUP: N/A

SECTION II: HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>PERCENT</th>
<th>CAS NUMBER</th>
<th>LD_{50} Oral-Rat</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Hazardous Ingredients</td>
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</tbody>
</table>

SECTION III: TOXICOLOGICAL PROPERTIES


EFFECTS OF OVEREXPOSURE:
According to Mountain Minerals Company Ltd., this Barite does not contain respirable crystalline silica in amounts considered significant under WHMIS guidelines.

EYE CONTACT: Possible irritation due to small particles in eye.

SKIN CONTACT: No adverse effects expected.

INGESTION: Not toxic.

INHALATION: Nuisance dust.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT: Wash with soap and water.
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EYE CONTACT: Lift eye lid and flush with water for fifteen minutes. If irritation persists, consult a physician.

INGESTION: Not toxic. No ill-effects expected.

INHALATION: Remove patient from dusty environment and treat as nuisance dust. No first aid measures are suggested for Chronic (long term exposure).

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOR: Grey white powder; Dirt-dust like odour

SPECIFIC GRAVITY: 4.20

BOILING POINT (°C): N/A

MELTING POINT (°C): N/A

pH: 7-8

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE BY VOLUME: N/A

EVAPORATION RATE: N/A

VAPOUR PRESSURE (mm Hg): N/A

VAPOUR DENSITY (Air = 1): N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION VII: REACTIVITY DATA

STABILITY: Stable [XX] Unstable [ ]

INCOMPATIBILITY (CONDITIONS TO AVOID): None

CONDITIONS OF REACTIVITY: Not Known

HAZARDOUS DECOMPOSITION PRODUCTS: None
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HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur [ ]

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Suggest NIOSH/MSHA approved respirators for silica bearing dust

VENTILATION: Yes if practical; personal air supply may be useful

PROTECTIVE GLOVES: None Required

EYE PROTECTION: Suggest goggles

OTHER PROTECTIVE EQUIPMENT (Specify): None Required

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid breathing dust; wear an approved respirator. Practice reasonable caution and personal cleanliness. Avoid eye contact.

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

Vacuum or sweep-up if dry. Recycle product if not contaminated.

WASTE DISPOSAL METHOD

Dispose of material in a manner to prevent generating dust.

SECTION IX: PREPARATION

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

DATE PRINTED: April 6, 2006 BY: MILLENNIUM TECHNOLOGIES LTD.

DATE MODIFIED: May 18, 2004 APPROVED BY:

SUPERSEDES: October 1, 2003