



# 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

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## SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD<sub>(50)</sub> Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
No Hazardous Ingredients					

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## SECTION III: TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:**     SKIN         EYE CONTACT         INHALATION         INGESTION

**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.

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## 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).

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## SECTION V: PHYSICAL DATA

**APPEARANCE AND ODOUR:** 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

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## 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

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## SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable [ ]
<b>INCOMPATIBILITY (CONDITIONS TO AVOID):</b>	None	
<b>CONDITIONS OF REACTIVITY:</b>	Not Known	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None	



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HAZARDOUS POLYMERIZATION: Will Not Occur [XX] May Occur [ ]

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## 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.

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## SECTION IX: PREPARATION

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

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