**Material Safety Data Sheet**

**API Test Calibration Barite** (RXSOL-60-6289-500)

## 1. Product and Company Identifaction

Product Name **API Test Calibration Barite**

Product Type **RXSOL-60-6289-500**

**Company Details:**

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

| | |
|---|---|
| Phone | +91 22 65113333/ 5555 / 9999 / 27611360 / 27815540 |
| Fax | +91 22 2781 1318 :::AOH :0091 9322594669 |
| Email | mail@rxmarine.com |


## 2. Composition / informationon ingredients

| SARA 313 | Component | CAS Number | Percent Comp. | Dimension | Exposure Limits |
|---|---|---|---|---|---|
| | Barium Sulfate | CAS# 7727-43-7 | 91 - 94% | W/W | OSHA PEL 10 mg/m3 ACGIH TLV 10 mg/m3 |
| | Silica, Crystalline Quartz | CAS# 14808-60-7 | 4 - 6% | W/W | OSHA PEL 0.1 mg/m3 ACGIH TLV 0.1 mg/m3 |
| | Mica | CAS# 12001-26-2 | 0 - 2% | W/W | OSHA PEL 3 mg/m3 ACGIH TLV 3 mg/m3 |

## 3. Hazards Identification

| | |
|---|---|
| Emergency Overview | Warning! Contains crystalline silica, inhalation of which may cause cancer. Wear proper respiratory protective equipment. May cause mechanical eye, skin and respiratory irritation. Avoid contact with eyes or skin. Avoid breathing dust. |
| Inhalation | May result in distress in breathing, coughing and irritation of the upper respiratory system. |
| Ingestion | May cause mild stomach upset |
| Skin | May cause mechanical irritation |
| Eye Contact | May cause mechanical irritation |
| Chronic Exposure | Unprotected prolonged inhalation of dust containing crystalline silica may cause permanent lung and liver injury. Limited evidence (IARC) shows that the inhalation of crystalline silica causes cancer in humans. |
| Aggravated by Exposure | No information found |

## 4. First Aid Measures

| | |
|---|---|
| SKIN | :Wash with mild soap and water. Apply medicated creams to relieve irritation and replenish skin oils. |
| EYES | :Flush eyes with water 15 minutes. Consult a physician if irritation persists. |
| INHALATION | :Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen |
| INGESTION | :Give fluids to rinse mouth and throat and to dilute. Consult a physician if adverse symptoms develop |

## 5. Fire-fighting Measures

| | |
|---|---|
| Fire Extinguisher Type | Any means suitable for extinguishing surrounding fire Noncombustible. Material may produce sulfur oxide at decomposition |

| | |
|---|---|
| Fire/Explosion Hazards | temperatures. At decomposition (>1600°C), material incompatible with potassium and aluminum, may explode |
| Firefighting Procedure | Compatible with agents used to extinguish surrounding fires. |

## 6. Accidental Release Measures

Wear proper protective equipment (Section 8). Recover spilled material to the original container if possible or to a suitable waste container. Minimize dusting during cleanup. Flush residue with water.

## 7. Handling and Storage

Store in a dry place. Keep dusts to a minimum. Keep container closed when not in use. Use adequate ventilation. Do not reuse empty container.

## 8. Exposure controls and personal protection

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|---|---|
| Respiratoryprotection | An approved particulate respirator if exposure limits may be exceeded. |
| Ventilation | Local Exhaust<br>Mechanical |
| Protective gloves | Wear cloth, neoprene or rubber gloves to prevent mechanical irritation. |
| Eye protection | Chemical safety goggles or glasses with side shields |
| Other protective equipment | Wear long protective clothing with an apron to keep dust off clothes. |

## 9. Physical and chemical properties

| | |
|---|---|
| Melting Point | 2876°F |
| Boiling Point | Not applicable |
| Vapor Pressure | Not applicable |
| Vapor Density | Not applicable |

| | |
|---|---|
| Solubility In Water | Insoluble |
| Appearance/Odors | Tan, Odorless |
| Flash Point | Not applicable |
| Percent Volatile By Volume | Not applicable |
| Evaporation Rate | Not applicable |
| Evaporation Standard | |
| Auto Ignition Temp | Not applicable |
| Lower Flamm. Limit In Air | Not applicable |
| Upper Flamm. Limit In Air | Not applicable |
| Specific Gravity | 4.2 |

## 10. Stability and reactivity

| | |
|---|---|
| Stability | Stable |
| Conditions to Avoid | None |
| Materials to Avoid | At decomposition (>1600°C), material incompatible with potassium and aluminum. |
| Hazardous Decomposition Products | None |
| Hazardous Polymerization | Will not occur |
| Conditions to Avoid | None known |

## 11. Toxicological information

Limited evidence (IARC) shows that the inhalation of crystalline silica causes cancer in humans.

## 12. Ecological information

No information found.

## 13. Disposal considerations

Product is not hazardous according to RCRA criteria or listing as supplied. Dispose of in accordance with local, state and federal regulations for disposing of barite, a naturally occurring mineral that is 90+ % barium sulfate and is insoluble in water.

## 14. Transport information

DOT Classification: Not regulated

DOT regulations may change from time to time. Please consult the most recent DOT regulations.

## 15. Regulatory information

No Information found

## 16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.