

## 1. Product and Company Identification

www.rxmarine.com

Product Name

Hematite

Part Number

RXSOL-81-8136-050

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

**VASHI ,NEW BOMBAY 400703 INDIA**

Phone

+91 22 27815540 / 41 / 42

Fax

+91 22 2781 1318 ::::AOH :0091 9821214367

Email

[123@rxmarine.com](mailto:123@rxmarine.com)

Website

[www.rxmarine.com](http://www.rxmarine.com)

Branch : Kandla, Sikka, Dahej, Surat, Hazira, JNPT, New Mangalore, Goa, Cochin, Tuticorin, Cheenai, Kakinada, Vizag, Paradip, Haldia , Kolkata

## 2. Composition / Information on ingredients

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Name	of	Substance	Cas Number
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Hematite			1317-60-8
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## 3. Hazards Identification

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Signal Word

Not applicable

Hazard Statements

Not Applicable

Precautionary statements -  
prevention

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 4. First Aid Measures

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Eye Contact

In case of contact immediately flush eyes with plenty of water. Seek medical attention if irritation persists.

Skin Contact	Wash with soap and water. Get medical attention if irritation persists.
Inhalation:	If inhaled, remove from area to fresh air. Get medical attention if breathing becomes difficult.
Ingestion:	Under normal conditions, first aid procedures are not required.
Notes to Physicians	Not applicable

## 5. Fire-fighting Measures

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Flammability	Non Flammable.
Flash Point	Not Applicable
Suitable extinguishing media	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective Equipment	Not require
Hazardous combustion products	Not Applicable
Advice for firefighters	Wear NIOSH-approved self-contained breathing apparatus and full Bunker Gear.
Specific extinguishing methods	Not Available

## 6. Accidental Release Measures

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Personal precautions, protective equipment	Use appropriate protective equipment. Avoid creating dust.
Environmental Precaution	None known.
Methods and materials for containment and cleaning up	Collect using dustless method and hold for appropriate disposal. Do not mix with other substances associated with contaminating substances and use appropriate disposal.

## 7. Handling and Storage

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Advice on safe handling	Avoid contact with eyes, skin, or clothing. This product may become airborne without a visible cloud under certain conditions. Use only with adequate ventilation to keep dust levels low. Wear a NIOSH certified, European Standard En 149 respirator. Material is slippery when wet.
Storage	Store in a dry location. Use good housekeeping in storage area to avoid accumulation of dust. Close container when not in use. Shelf life of 60 months.
Incompatibilities	None Known

## 8. Exposure controls and personal protection

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Engineering Control	Use approved industrial ventilation and local exhaust as required to keep exposures below applicable exposure limits listed in Section 9.
Personal Protection	<b>Respiratory Protection :</b> Wear a NIOSH certified, European Standard En 149 equivalent respirator when using this product. <b>Hand Protection :</b> Normal work gloves. <b>Skin Protection :</b> Wear clothing appropriate for the work.

Exposure Limits  
Thermal Hazard

laundered before reuse. Use precautionary measures to  
laundry clothing.  
**Eye Protection :** Wear safety glasses or goggles to protect  
Other Precautions None known  
None Known  
Not Available



Gloves Suit

## 9. Physical and chemical properties

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Physical State	Solid Powder
Colour	Red Brown
Odour	Odourless
Odour Threshold	Not Applicable
Boiling point and boiling range	Not Applicable
Melting Point	1565°C
Flash Point	Not Applicable
Freezing Point	No Data Available
pH	Not Applicable
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Specific Gravity	4.75
Viscosity	No Data Available
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Solubility in Water	Insoluble
Solubility in Solvents (g/100ml)	Not Determine

## 10. Stability and reactivity

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Recativity	No further relevant information available
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Stability	Stable under normal conditions.
Possibility of hazardous reactions	Not known
Incompatible materials	Hydrofluoric acid.
Hazardous Decomposition	Amorphous silica may transform at elevated temperatures to tridymite (870 C) or cristobalite (1470 C).
Condition to Avoid	Generation of Dust
Polymerization	No further relevant information available

## 11. Toxicological information

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Route of Exposure	Inhalation, Eye contact, Skin contact Potential Health Effects
Eye Damage	May cause eye irritation .
Inhalation	Inhaled crystalline silica in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (IARC, Group 2A). There is sufficient evidence in experimental animals for the carcinogenicity of tridymite (IARC, Group 2A). Breathing silica dust may cause irritation of the nose, throat, and respiratory passages. Breathing silica dust may not cause injury or illness even though permanent lung damage may be occurring. Inhalation of dust may also have serious chronic effects (See "Chronic Effects/Carcinogenicity" subsection below).
Skin Contact	Not Known
Carcinogenicity	Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling, and sometimes-fatal disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness, and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.  Cancer Status: The International Agency for Research on Cancer (IARC) has determined that crystalline silica inhaled as quartz or cristobalite from occupational sources can cause lung cancer in humans (Group 1 - carcinogenic to humans). IARC has also determined that there is sufficient evidence in experimental animals for the carcinogenicity of tridymite (Group 2A - carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (June 1997) in conjunction with the use of these minerals. The National Toxicology Program classifies respirable crystalline silica as "Known to be a human carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2).
Oral Toxicity	LD50: > 40000 mg/kg (Rat)
Dermal Toxicity	Not determined
Inhalation Toxicity	Not determined
Aggravated Medical Conditions	Individuals with respiratory disease, including but not limited to asthma and bronchitis, or subject to eye irritation, should avoid exposure to quartz dust.
Genotoxicity	Not determined
Developmental Toxicity	Not determined

## 12. Ecological information

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Environmental Effects	No data Available
Toxicity to fish	TLM96: > 500 mg/l (Pimephales promelas)
Acute Crustaceans Toxicity	TLM96: > 1000 ppm (Crangon crangon)
Toxicity to algae	No data available
Biodegradability	Not determined
Bioaccumulation	Not determined
Mobility	Insoluble in water.
Other Adverse Effects	Not Applicable

### 13. Disposal considerations

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Remarks

Please consider the relevant national or regional p  
that can be handled separately by the local or nation

Waste Disposal

Dispose of in compliance with local regulations. Di

### 14. Transport information

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DOT, ADN, IMDG, IATA

UN Number

Not Regulated

Proper shipping name

Not Regulated

Transport Hazard Class(es)

Not Regulated

Packing Group

Not Regulated

Environmentally hazardous

Not listed as a marine pollutant under Canadian TDG Reg

Transport in Bulk

Not Available

### 15. Regulatory information

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TSCA Inventory

All components listed on inventory or are exempt.

EPA SARA

Title III Extremely

Hazardous Substances

Not Applicable

EPA SARA (311,312) Hazard Class

Acute Health Hazard

Chronic Health Hazard

EPA SARA (313)

Chemicals This product does not contain a toxic ch  
Reporting" under Section 313 (40 CFR 372).

EPA RCRA Hazardous Waste Classification

If product becomes a waste, it does NOT meet the  
EPA.

California Proposition 65

The California Proposition 65 regulations apply to th

Canadian DSL Inventory

All components listed on inventory or are exempt.

WHMIS Hazard Class

D2A Very Toxic Materials Crystalline silica

### 16. Other information

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Other Information

The information above is believed to be accurate  
available to us. However, we make no warranty of  
implied, with respect to such information, and we  
should make their own investigations to determ  
particular purposes. In no event shall be liable for an  
for lost profits or any special, indirect, incidental,

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arising, even if **Rx Marine International** has been a

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