

## 1. Product and Company Identification

www.rxmarine.com

Product Name Hematite  
Product Type RXSOL-81-8136-050

### Company Details:

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

Stock Point ::: Mumbai, Kandla, Chennai, Ennore, Visakhapatnam, Kolkata, Fujairah

Phone +91 22 27815541 / 42  
Fax +91 22 2781 1318 :::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

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Name	CAS#	% by Weight
Silica, crystalline, quartz	14808-60-7	0-5 %
Hematite	1317-60-8	95-100 %

## 3. Hazards Identification

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### EMERGENCY OVERVIEW

CAUTION! MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Avoid contact with eyes, skin and clothing. Avoid breathing airborne dust. Use appropriate ventilation. Wash thoroughly after handling.

### ACUTE EFFECTS:

#### HEALTH HAZARDS, GENERAL:

This product is a/an red to black powder. May form dust. Avoid contact and contain spills. Keep out of sewers and waterways. Emergency response personnel are known.

#### INHALATION

Particulates may cause mechanical irritation to the respiratory tract. May lead to pulmonary fibrosis, chronic bronchitis, emphysema. May result from short contact periods.

#### INGESTION

May be irritating to the respiratory tract if inhaled.

#### SKIN

May cause gastric distress, nausea and vomiting if ingested.

#### EYES

May be irritating to the skin.

May be irritating to the eyes.

## 4. First Aid Measures

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Eye Contact  
Skin Contact  
General  
Inhalation  
  
Ingestion

Thoroughly wash eyes with lots of water while holding the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

Persons seeking medical attention should carry a copy of this SDS.  
Move the exposed person to fresh air at once. Provide medical attention.  
Drink a couple of glasses water or milk. Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.

## 5. Fire-fighting Measures

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AUTO IGNITION TEMP. (°F)	ND
FLAMMABILITY LIMIT - LOWER(%)	ND
FLAMMABILITY LIMIT - UPPER(%)	N/D
EXTINGUISHING MEDIA	Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES	No specific fire fighting procedure given.
UNUSUAL FIRE & EXPLOSION HAZARDS	No unusual fire or explosion hazards noted.
HAZARDOUS COMBUSTION PRODUCTS	This material is not combustible. No specific hazardous combustion products noted.

## 6. Accidental Release Measures

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### PERSONAL PRECAUTIONS:

Wear proper personal protective equipment (see MSDS Section 8).

### SPILL CLEAN-UP PROCEDURES:

Avoid generating and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Do not contaminate drainage or waterways. Repackage or recycle if possible.

## 7. Handling and Storage

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Handling precautions

Avoid handling causing generation of dust. Wear eye protection at high concentrations. Eye wash and emergency shower should be available. Wash often and change clothing when needed. Provide general ventilation is required.

Storage precautions:

Store at moderate temperatures in dry, well ventilated area.

## 8. Exposure controls and personal protection

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Engineering Controls

Ventilation

Eye protection

Protective clothing:

Hygienic work practices

Use appropriate engineering controls such as, e.g., respiratory protection, to prevent contamination and keep worker exposure below the applicable limits.  
Supply natural or mechanical ventilation adequate to maintain exposure below the applicable limits.

Wear dust resistant safety goggles where there is a risk of eye irritation.

Wear appropriate clothing to prevent repeated or prolonged contact with the substance.

Wash promptly with soap and water if skin becomes contaminated to remove any possibility of contamination.

## 9. Physical and chemical properties

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

COLOR

Red. to Black.

ODOR

Metallic.

SOLUBILITY DESCRIPTION

Insoluble in water

MELT./FREEZ. POINT (°F, interval)

2849

DENSITY/SPECIFIC GRAVITY (g/ml)

5.24

VAPOR DENSITY (air=1)

N/A

VAPOR PRESSURE

N/A

## 10. Stability and reactivity

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Stability

Conditions to Avoid

Not relevant.

Hazardous polymerization

Will not polymerize.

Polymerization Description

Not relevant.

materials to avoid

Strong acids. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

No specific hazardous decomposition products noted

## 11. Toxicological information

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This product is a/an red to black powder. May form dust. Avoid contact with skin and contain spills. Keep out of sewers and waterways. No specific first aid response personnel are known.

ACUTE EFFECTS:

HEALTH HAZARDS, GENERAL:

Particulates may cause mechanical irritation to the respiratory tract. Prolonged exposure may lead to pulmonary fibrosis, chronic bronchitis, emphysema. No specific health hazards may result from short contact periods.

INHALATION  
INGESTION  
SKIN  
EYES

May be irritating to the respiratory tract if inhaled.  
May cause gastric distress, nausea and vomiting if  
May be irritating to the skin.  
May be irritating to the eyes.

## 12. Ecological information

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

NA

## 13. Disposal considerations

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### Wast management:

This product does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc, may render the resulting materials hazardous. Empty containers retain residues. All labeled precautions must be observed

### DISPOSAL METHODS:

Recover and reclaim or recycle, if practical. Should this product become a waste, dispose of in a permitted industrial landfill. Ensure that containers are empty by RCRA criteria prior to disposal in a permitted industrial landfill.

## 14. Transport information

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

NA

## 15. Regulatory information

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

NA

## 16. Other information

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