

## 1. Product and Company Identification

www.rxmarine.com

Product Name Potassium Lignite  
Product Type RXSOL-81-8131-025

### Company Details:

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

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
HUMIC ACIDS, SODIUM SALTS	68131-04-4	

## 3. Hazards Identification

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Emergency overview  
Potential health effects  
Routes of exposure  
Eyes  
Skin  
Inhalation  
Ingestion

Harmful by inhalation, in contact with skin and if swallowed.  
Inhalation. Skin contact. Ingestion.  
Dust or powder may irritate eye tissue. Symptoms may include redness, tearing, and burning sensation.  
This product may cause irritation to the skin. Prolonged contact may cause a burning sensation or dermatitis.  
Inhalation of dusts may cause respiratory irritation. See Section 11 of this safety data sheet.  
Ingestion of large amounts may produce gastrointestinal symptoms such as nausea, vomiting, and diarrhea.

## 4. First Aid Measures

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Eye Contact  
Skin Contact  
Notes to Physician  
Inhalation

Immediately flush eyes with plenty of water for at least 20 minutes. If irritation persists, get medical attention.

Wash all immediately with plenty of water. Get medical attention if irritation develops or persists.

Treat symptomatically and supportively.  
If exposed to excessive levels of dusts or fumes, or if other symptoms develop.

Ingestion

Do not induce vomiting without medical advice. Do not induce vomiting to reduce risk of aspiration. If ingestion of a large amount occurs, seek medical advice.

General advice

If you feel unwell, seek medical advice (show the label).

## 5. Fire-fighting Measures

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Flammable properties

Not known. Does not exhibit combustion or fire properties under test.

**Extinguishing media**

Suitable extinguishing media

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Use any media suitable for the surrounding fires.

## 6. Accidental Release Measures

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**Personal precautions:**

Ensure adequate ventilation. Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.

**Methods for containment:**

Stop leak if you can do so without risk. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

**Methods for cleaning up:**

Avoid the generation of dusts during clean-up. Sweep up or gather material and place in appropriate container for disposal.

## 7. Handling and Storage

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Handling

Keep formation of airborne dusts to a minimum. Avoid dust formation. If dust is formed, use appropriate ventilation. Avoid skin contact with this material. Wash hands after handling.

Storage

Keep in a dry, cool and well-ventilated place. Guard against fire. Keep out of the reach of children.

## 8. Exposure controls and personal protection

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Engineering Controls

If material is ground, cut, or used in any operation, use appropriate ventilation to keep exposures below the recommended limit. Use sufficient ventilation to maintain concentrations of dust particles below the recommended limit. Respiratory protection must be worn.

Eye / face protection

Wear dust goggles. Avoid contact with eyes.

Skin protection

Normal work clothing (long sleeved shirts and long trousers).

Respiratory protection

Use a particulate filter respirator for particulate matter above the recommended limit.

General hygiene considerations

Eye wash fountain and emergency showers are recommended for use when handling this material. Keep away from food and drink.

## 9. Physical and chemical properties

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Color		Black. or Brown.
Form	Granular. or Powder.	
Odor threshold	Not available	
Physical state pH	Solid	
Melting point	6 - 8	
Freezing point	Not available	
Flash point	Not available	
Evaporation rate	Not available	
Flammability limits in air, lower, % by volume	Not available	
Flammability limits in air, upper, % by volume	Not available	
Vapor pressure Vapor	Not available	
Vapor density	Not available	
Specific gravity	Not available	
Solubility (H2O)	Not available	
Octanol/H2O coeff	Not available	

## 10. Stability and reactivity

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Chemical Stability		
Conditions to Avoid	None known.	
Incompatible materials	Incompatible with strong acids and oxidizing agents.	
Hazardous decomposition products	Upon decomposition, this product emits oxides of sulfur, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.	

## 11. Toxicological information

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Emergency overview	Harmful by inhalation, in contact with skin and if swallowed.
Potential health effects	
Routes of exposure	Inhalation. Skin contact. Ingestion.
Eyes	Dust or powder may irritate eye tissue. Symptoms may include redness, tearing, and burning.
Skin	This product may cause irritation to the skin. Prolonged contact may cause a burning sensation or dermatitis.
Inhalation	Inhalation of dusts may cause respiratory irritation. See Section 11 of this safety data sheet.

## 12. Ecological information

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### Ecotoxicity:

This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

### Environmental effects:

No data available for this product. Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.

## 13. Disposal considerations

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### Disposal instructions:

Dispose in accordance with all applicable regulations.

## 14. Transport information

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NA

## 15. Regulatory information

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

NA

## 16. Other information

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