Material Safety Data Sheet

Potassium Lignite (RXSOL-81-8131-025)

1. Product and Company Identifaction

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

2. Composition / informationon ingredients

Name	CAS#	% by Weight
HUM IC ACIDS, SODIUM SALTS	68131-04-4	

3. Hazards Identification

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 include itching, burning, redness and tearing.
Skin	This product may cause irritation to the skin. Prolonged or repeated skin contact may result in redness, burning sensation or dermatitis.
Inhalation	Inhalation of dusts may cause respiratory irritation. For additional information on inhalation hazards, see Section 11 of this safety data sheet.
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for at least 20 minutes. If irritation persists get medical attention.
Skin Contact	Wash off immediately with plenty of water. Get medical attention if irritation develops or persists.

Notes to Physician	Treat symptomatically and supportively.
Inhalation	If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion	Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting Measures

Flammable properties	None known. Dusts at sufficient concentrations can form explosive mixtures with air.
Extinguishing media	
Suitable extinguishing media	Dry chemical, CO2, water spray or regular foam. Use any media suitable for the surrounding fires.

6. Accidental Release Measures

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

Handling	Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid prolonged or repeated skin contact with this material. Wash hands after handling and before eating.
Storage	Keep in a dry, cool and well-ventilated place. Guard against dust accumulation of this material. Keep out of the reach of children.

8. Exposure controls and personal protection

Engineering Controls	If material is ground, cut, or used in any operation which may generate dusts, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits. If engineering measures are not sufficient to maintain concentrations of dust particulates below the OEL, suitable respiratory protection must be worn.
Eye I face protection	Wear dust goggles. Avoid contact with eyes.
Skin protection	Normal work clothing (long sleeved shirts and long pants) is recommended.
Respiratory protection	Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
General hygiene considerations	Eye wash fountain and emergency showers are recommended. Use good industrial hygiene practices in handling this material. Keep away from food and drink.

9. Physical and chemical properties

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 (H20)	Not available
Octanol/H20 coeff	Not available

10. Stability and reactivity

Chemical Stability	Stable
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

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 include itching, burning, redness and tearing.
Skin	This product may cause irritation to the skin. Prolonged or repeated skin contact may result in redness, burning sensation or dermatitis.
Inhalation	Inhalation of dusts may cause respiratory irritation. For additional information on inhalation hazards, see Section 11 of this safety data sheet.
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

12. Ecological information

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

Disposal instructions:
Dispose in accordance with all applicable regulations.

14. Transport information

NA

15. Regulatory information

NA

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 ScienceLab.com 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 ScienceLab.com has been advised of the possibility of such damages.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.