Material Safety Data Sheet

Potassium Hydroxide A R Grade (RXSOL-60-6150-500)

1. Product and Company Identifaction

Product Code	RXSOL-19-1613-500
Product Name	POTASSIUM HYDROXIDE

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

INGREDIENTS	CAS no	EC-No
Caustic potash	1310-58-3	215-181-3

3. Hazards Identification

skin contact	Harmful if swallowed. Causes severe burns.
eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

4. First Aid Measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance

inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician
eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

5. Fire-fighting Measures

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary

6. Accidental Release Measures

Personal precautions	Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposa

7. Handling and Storage

Precautions for safe handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage, including any incompatibilities	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Absorbs carbon dioxide (CO_2) from air

8. Exposure controls and personal protection

engineering controls	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Eye/face protection	Face shield and safety glasses Use equipment for eye protection
Skin protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

9. Physical and chemical properties

Appearance	pellets
Odour	NA
pH	13,5
Melting point/freezing point	Melting point/range: 361 °C
boiling point and boiling range	1.320 °C
Vapour pressure	1 hPa at 719 °C
Relative density	2,044 g/cm3
Water solubility	soluble

10. Stability and reactivity

Reactivity :- N/A

Chemical stability :- N/A

Incompatible materials :- Nitro compounds, Organic materials, Magnesium, Copper, Water, reacts violently with:, Metals, Light metals, Contact

with aluminum, tin and zinc liberates hydrogen gas. Contact with nitromethane and other similar nitro compounds causes formation of shock sensitive salts., vigorous reaction with:, Alkali metals, Halogens, Azides, Anhydrides

11. Toxicological information

Skin	corrosion/irritation

Reproductive toxicity	N/A
Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

12. Ecological information

Toxicity	Toxicity to fish
Bioaccumulative potential	N/A
Other adverse effects	Harmful to aquatic life.no data availabl

13. Disposal considerations

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. Transport information

N/A

15. Regulatory information

REGULATORY INFORMATION This safety datasheet complies with the requirements of Regulation

Safety, health and environmental regulations/legislation specific for the substance or mixture

N/A

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions