

## 1. Product and Company Identification

www.rxmarine.com

Product Code

RXSOL-19-1613-500

Product Name

POTASSIUM HYDROXIDE

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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

## 3. Hazards Identification

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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

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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 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

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and surrounding environment

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary

## 6. Accidental Release Measures

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Personal precautions

Wear respiratory protection. Avoid dust formation. Avoid breathing vapour or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product 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 into suitable, closed containers for disposal

## 7. Handling and Storage

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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 area. Absorbs carbon dioxide (CO<sub>2</sub>) from air

## 8. Exposure controls and personal protection

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engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and after handling the product.

Eye/face protection

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper removal technique (without touching glove's outer surface) to avoid skin contact with contaminated product. Dispose of contaminated gloves after use in accordance with applicable regulations and good laboratory practices. Wash and dry hands.

## 9. Physical and chemical properties

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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/cm <sup>3</sup>
Water solubility	soluble

## 10. Stability and reactivity

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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

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Skin	corrosion/irritation
Reproductive toxicity	N/A
Inhalation	May be harmful if inhaled. Material is extremely destructive to the tissues of the respiratory tract, including the mucous membranes and upper respiratory tract.

## 12. Ecological information

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

## 13. Disposal considerations

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Waste treatment methods

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**Product**

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

**Contaminated packaging**

Dispose of as unused product.

**14. Transport information**

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N/A

**15. Regulatory information**

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**REGULATORY INFORMATION** This safety database complies with the requirements of Regulation**Safety, health and environmental regulations/legislation specific for the substance or mixture**

NA

**16. Other information**

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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

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