

1. Product and Company Identification

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Product Name Sodium Hydroxide Pellet
Product Type RXSOL-60-6279-500

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Sodium Hydroxide	CAS# 1310-73-2	100%	W/W	OSHA PEL 2mg/m ³ ACGIH2mg/m ³

3. Hazards Identification

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Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep

Emergency Overview:Harmful If Swallowed Or Inhaled. May Cause Burns To Any Area Of Contact. Reacts With Water, Acids And Other Materials.

Inhalation:Mists May Irritate Respiratory Tract.

Ingestion:Swallowing may Cause Burns of the Mouth, Throat and Stomach.

Skin:May Cause Irritation to Skin

Eye Contact:May Cause Irritation to Eyes, and with Greater Exposures, Severe Buns with Possibly Blindness

Chronic Exposure:Persons with Pre-Existing Skin Disorders may be Susceptible to these Solutions.

Aggravated by Exposure:Persons with Pre-existing Skin Disorders or Eye Problems or Impaired Respiratory Function May be More Susceptible to the Effects of the Substance.

4. First Aid Measures

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Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes.Thoroughly clean clothing and shoes before reuse.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids

INHALATION:

occasionally. Seek Medical Aid

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION:

If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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Fire Extinguisher Type

Any means suitable for extinguishing surrounding fire. Adding water

Fire / Explosion Hazards

Not considered to be a fire hazard. Hot or molten material can react with water, or metals.

Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to protect skin and clothing.

6. Accidental Release Measures

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Protective clothing required. Sweep, scoop or pick up spilled material. Transfer to a closed preferably metal container for waste disposal to approved facility.

Ventilate area of Leak or Spill. Keep Unnecessary and Unprotected People away from the area of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 7. Contain and Recover Liquid when Possible. Use Non-Sparking Tools and Equipment. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth). Do Not use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer! US Regulations (CERCLA) Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable Quantities.

7. Handling and Storage

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Store in a cool, dry, well-ventilated place away from incompatible materials. Keep tightly closed. Wash thoroughly after handling.

8. Exposure controls and personal protection

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Respiratory Protection

NIOSH/MSHA-approved respirator

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Wear appropriate gloves to prevent skin exposure

EYE PROTECTION

Goggles and Face Shield

Other Protective Equipment

Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

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BOILING POINT

1390°C (2534°F)

VAPOR PRESSURE

Negligible

MELTING POINT

318°C

VAPOR DENSITY

>1

EVAPORATION RATE

information not available

Appearance /Odors

White odorless deliquescent crystals

Flash Point

Not specified

Specific Gravity

2.13

Parent Volume by