

1. Product and Company Identification

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Product Name RXSOL-20-3201-025
Product Type KT - SOL PLUS Heavy Duty 25 Ltr

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA
Stock Point ::: Mumbai, Kandla, Mundra, Chennai, Ennore, Kolkata, Haldia, Visakhapatnam, Gangavram, Fujairah, Muscat

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Website www.rxmarine.com

2. Composition / Information on ingredients

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SURFACTANT (ANIONIC & NON-IONIC) , LAB , Potassium hydroxide Strong alkaline cleaner Declaration according recommendation 89/542/EEG.. chelating agents, meta silicate and additives (biodegradable > 90%)

*See Section 16

3. Hazards Identification

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Corrosive

Environmental Hazards None
Human Health Hazards Moderates
R 35:Causes skin burning effects

4. First Aid Measures

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Inhalatin Harmful,. supply or remove to fresh air and seek medical advice attention.
Skin Contact Rinse with running water and soap. Skin care. Remove contaminated clothes.
Eye Contact Flush with running water for at least 15 minutes Immediately .
Ingestion Vomiting is dangerous , seek medical attention.

5. Fire-fighting Measures

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Non Combustible Porduct

Suitable N.A. can use foam dry Co2 , water-spray.
Not suitable Not applicable
Special Not applicable
Protection of fire Fighter Not applicable

Special protective equipment for fire-fighters: Wear protective equipment.

6. Accidental Release Measures

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Environmental Precaution	Direct flow into drainage system, surface or ground water is prohibited.
Cleaning Method	Flush Spill Area with Water and remove with liquid-absorbing material like foam sand, sawdust etc..

7. Handling and Storage

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Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to Acidic / Oxidizing Agents
Handling	Keep Container Tightly Closed

Note: Eyewash facilities require at workplace. The product causes corrosion on skin and mucous membranes. Pl. Note that in case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser. For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website www.rxmarine.com

☞ Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

8. Exposure controls and personal protection

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Personal protection :

Respiratory System Protection	Approved respirator must be worn when spraying
Eye Protection	Wear eye protection (on possibility of contact)
Hand protection	Wear PVC chemical resistance protective glove



Gloves Suit Goggles No_Smoking

9. Physical and chemical properties

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Product Properties:

Appearance	Pale clear liquid
Density	In g/cm ³ at 20°C: Spec. gravity : 1.035
Compatibility	
Metal	No known effect
Rubber	No known effect
pH	Alkaline (12.7 - 13)
Flash point	Not Applicable
Solubility	100% soluble in water
Packaging	Size (in Litres)

10. Stability and reactivity

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Hazardous Decomposition Products Do not occur if stored and used as directed. In FIRE combustion CO, CO₂, NH₃, SOX etc hazardous gas produced

NOTE : Avoid Contact With Acid

11. Toxicological information

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Comment - Not applicable , Emulsifies in water

12. Ecological information

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95 % added surfactants are biodegradable as per by international regulation .This material must be disposed with local national regulations.

13. Disposal considerations

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As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

14. Transport information

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Proper Shipping Name

UN

Proper Shipping Name Sodium hydroxide, solution
UNNo. 1824
Hazard Class 8

PackingGroup II

Road/Rail(ADR/RID)

Proper Shipping Name Sodium hydroxide, solution
ADR UN No. 1824
ADR Hazard Class 8

Tremcard 80S1824

Sea(IMDG)

Proper Shipping Name Sodium hydroxide, solution
IMDG UN No. 1824
IMDG Hazard Class. 8
IMDG EmS F-A, S-A
IMDG Labels 8

IMDG Pack Group. II
IMDG subrisk N/A
IMDG Flashpoint N/A

Air(ICAO/IATA)

Proper Shipping Name Sodium hydroxide, solution
ICAO Un No. 1824
ICAO Hazard Class 8
ICAO subrisk N/A
ICAO Flashpoint N/A

ICAO Packing Group. II
ICAO Labels 8, CAO

DOT/ CFR (US Department of Transportation)

DOT Proper Shipping Name Sodium hydroxide, solution
Hazardous Material Sodium hydroxide
Hazard Class 8
Product RQ (lbs) 3640
DOT Labels 8

Identification Number UN 1824
DOT subrisk N/A
DOTFlashpoint N/A

15. Regulatory information

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Classification and labelling according to Chemicals Hazard Information and Packaging Regulations (CHIP). Symbols of danger C Corrosive

R phrases

R 35 : Causes severe burns

S-phrases

S2: Keep out of reach of children S26 :In case of contact with eyes, rinse immediately with plenty of water and see
S28 : After contact with skin, wash immediately with plenty of water. S37/39 : Wear suitable gloves and eye/face prot

16. Other information

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our

product from the point of view of safety requirements and is not intended to guarantee any particular properties

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