1. Product and Company Identifaction

www.rxmarine.com

Product Name : RXSOL-22-3033-210

Product Type : ALKAATUFF High Foam CLEANER

Company Details:

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

Stock Branch ::: Mumbai, Kandla, Chennai, Visakhapatnam, Kolkata, Fujairah, Muscat Oman, Nairobi

Phone : +91 22 27815541 / 42

Fax : +91 22 2781 1318 :::AOH :0091 9821214367

Email : mail@rxmarine.com

2. Composition / Information on ingredients

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Chemical Name	Concentration	CAS Number	EC Number	R Phrases*
Potassium Hydroxide	10-15%	1310-58-3	215-181-3	35
2-butoxy ethanol	1-5%	111-76-2	203-905-0	X
Fatty alcohol ethoxylate	5-10%	34398-01-1	500-084-3	41
Di-Sodium Meta Silicate	1-5	10213-79-3	229-912-9	34,37
Disodium cocoamphodiacatate	1-5	68650-39-5	272-043-5	36 Xi
Cocamide DEA	1-5	68603-42-9	271-657-0	
Non classified ingredients	60-70			

3. Hazards Identification

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Odour Odourless

Appearance Liquid, colourless, soluble in water

Contact with eyes Corrosive to eyes, Can cause damage to the eyes

Contact with skin Causes burns (R35)

Inhalation No information available but must be considered harmful

Ingestion Harmful if swallowed (R22)

4. First Aid Measures

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Contact with skin Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with so

medical advice if necessary

Contact with eyes If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes.Irrigate eyes thorough

eyelids. Obtain immediate medical attention. Continue flushing with water until medical help arrives.

Ingestion Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water or milk to drink. Obtain i

attention.

Inhalation Seek medical attention if ill effects occur

General In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

symptoms persist, seek medical attention

5. Fire-fighting Measures

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Non combustible. Smoke from fires is corrosive. Not flammable. In case of fire use extinguishing media appropriate to surrounding

6. Accidental Release Measures

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Personal Precautions Wear protective clothing as per section 8

Environmental Precautions Do not allow to enter public sewers and watercourses

Clean Up Actions

Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete

Acid

Special Precautions Wear protective clothing as per section 8

7. Handling and Storage

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Handling Eyewash bottles should be available. See Section 8.

Storage Keep only in the original container in a cool, well ventilated place (S3/9/49) Protect from frost.

8. Exposure controls and personal protection

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recon

Exposure Limits OES / LTEL # ppm 2 mg/m3 (Sodium hydroxide).

Exposure controls No special ventilation is required unless the product is used in a spray form.

Occupational exposure controls Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are

fumigation/spraying wear suitable respiratory equipment (S42).









Gloves Suit. Goggles No_Smoking

9. Physical and chemical properties

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Odour Odourless

Appearance Liquid, colourless to yellow, soluble in water

pH 11.5 - 12.5 at 0.1 % concentration, pH 13 - 14 at 100 % concentration

Boiling point >100 °C at 760 mm /Hg

Vapour pressure not known
Vapour density not applicable
Freezing point 5 °C at 760 mm/Hg

Completely soluble in water

Specific gravity (water=1) 1.23

Non combustible

10. Stability and reactivity

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- This article is considered stable under normal conditions
- Avoid overheating, Keep away from frost
- Incompatible with acid
- See Section 5

11. Toxicological information

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Toxicological information No experimental data available.

Inhalation Can cause damage to the respiratory system.

Contact with skin Causes severe burns (R35).
Contact with eyes Causes severe burns (R35).

Ingestion The ingestion of significant quantities may cause burning sensation. The ingestion of significant quantities may cause d

digestive system.

Carcinogenicity No evidence of carcinogenic effects.

12. Ecological information

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Persistence and Biodegradability Bioaccumulation Potential

Ecotoxicity

Mobility

Its main ingredients will either dissolve rapidly and dissociate in water or are readily / inherently biodegradable.

"In general, this cleaning agent main ingredients will either dissolve rapidly and dissociate in water or are biodegradable." and Pollution Hazards approved this product for use as tank / hold cleaning agent by chemical tankers

Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects No environmental problems are expected when the product is used / handled correctly.

Completely soluble in water

13. Disposal considerations

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Classification Pollution Hazards approved this product for use as tank / hold cleaning agent by chemical tankers.

Disposal considerations "In general, this cleaning agent compatible to the environment, its main ingredients will either dissolve rapidly and or

or are readily/inherently biodegradable."

14. Transport information

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Proper Shipping Name HYDROXIDE, SOLUTION

UN

Proper Shipping Name Potassium hydroxide, solution

UN NO 1824

Hazard Class 8 Packing Group

Road/Rail (ADR/RID)

Proper Shipping Name Potassium hydroxide, solution

ADR UN No 1824

ADR Hazard Class 8 Termcard

Sear (IMDG)

Proper Shipping Name Potassium hydroxide, solution

IMDG UN No 1824

IMDG Hazard Class8IMDG Pack GroupIMDG EmSF-A, S-BIMDG subriskIMDG LabelsIMDG Flash point

IMDG Label

Air(ICAO/IATA)

Proper Shipping Name Potassium hydroxide, solution

ICAO UnNo 1824

ICAO Hazard Class 8 ICAO Packing Group

ICAO subrisk N/A ICAO Labels

ICAO Flash point N/A

DOT/CFR(US Department of Transportation

DOT Proper Shipping Name Potassium hydroxide, solution

Hazardous Material Potassium hydroxide

Hazard Class 8 Identification Number

Product RQ (lbs) 3640 DOT subrisk DOTLabels 8 DOTFlashpoint

Forbidden on passenger aircraft

15. Regulatory information

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Risk Phrases Non Corrosive

Safety Phrases In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable p

eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where

16. Other information

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(R35: Causes severe burns. R41: Risk of serious damage to eyes.) The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

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.

Classification

Pollution Hazards approved this product for use as tank / hold cleaning agent by chemical tankers.

Disposal considerations

"In general, this cleaning agent compatible to the environment, its main ingredients will either dissolve rapidly and or are readily/inherently biodegradable."