

Product Name: Lac Alka Liquid HD

Part No / SKU: RXSOL-20-2015-025

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Document Type: Material Safety Data Sheet (MSDS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	RXSOL-20-2015-025
Product Type	Lac Alka Liquid HD Industrial and Institutional cleaner

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Surat, Vizag, Fujairah, Muscat Barka, Nairobi

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Alkaline cleaner Declaration according to recommendation 89/542/EEG.

Blend of SURFACTANT ANIONIC NON-IONIC, LAB	Proprietary Blend	40-50
Butoxydiglycol	112-34-5	1-5
Sodium Nitrite	7632-00-0	0.1-1
C9-11 Pareth-6	68439-46-3	1-5
Butoxyethanol	111-76-2	1-5
Sodium Xylenesulfonate	1300-72-7	1-5
Sodium Hydroxide	1310-73-2	1-5
Tetrasodium EDTA	64-02-8	0.1-1
CI 15620	1658-56-6	0.1
Sodium Metasilicate	6834-92-0	2 - 5

3. HAZARDS IDENTIFICATION

Environmental Hazards	None
Human Health Hazards	Moderates

4. FIRST AID MEASURES

Inhalation	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

Non Combustible Product

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

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

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 / PERSONAL PROTECTION

Personal protection :

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Properties:

Appearance	Pale clear liquid
Density	In g/cm3 at 20°C: 1.21
Compatibility	
Metal	No known effect
Rubber	No known effect
pH	Alkaline (13)
Flashpoint	Not Applicable
Solubility	100% soluble in water
Packaging	Size (in Litres)

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products	Do not occur if stored and used as directed. n FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas produced
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NOTE : Avoid Contact With Acid

11. TOXICOLOGICAL INFORMATION

Comment - Not applicable , Emulsifies in water

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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 Pack Group.	II
	IMDG EmS	F-A, S-A	IMDG subrisk	N/A
	IMDG Labels	8	IMDG Flash point	N/A
Air(ICA0/IATA)				
	Proper Shipping Name	Sodium hydroxide, solution		
	ICAO Un No.	1824		
	ICAO Hazard Class	8	ICAO Packing Group.	II
	ICAO subrisk	N/A	ICAO Labels	8, CAO
	ICAO Flashpoint	N/A		
DOT/ CFR (US Department of Transportation)				
	DOT Proper Shipping Name	Sodium hydroxide, solution		
	Hazardous Material	Sodium hydroxide		
	Hazard Class	8	Identification Number	UN 1824
	Product RQ (lbs)	3640	DOT subrisk	N/A
	DOT Labels	8	DOTFlashpoint	N/A

15. REGULATORY INFORMATION

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 seek medical advice. S28: After contact with skin, wash immediately with plenty of water. S37/39: Wear suitable gloves and eye/face protection.

16. OTHER INFORMATION AND DISCLAIMER

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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