Material Safety Data Sheet

ALKACLEAN s. LAC (RXSOL-22-2015-210)

1. Product and Company Identifaction

ProductName	ALKACLEAN s. HD LAC
Part Number	RXSOL-20-2015-020

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

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2. Composition / informationon ingredients

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

Blend of SURFACTANT ANIONIC NON-IONIC, LAB	Proprietory 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

Hazard phrases
Harmful if swallowed .
Causes severe skin burns and eye damage).

Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting .
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician.

4. First Aid Measures

Inhalation	Remove Patient to fresh air. Seek medical advice if necessary
Eye Contact	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly whilst lifting 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 immediate medical attention

5. Fire-fighting Measures

Extinguishing media	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
Special hazards arising from the substance or mixture	Smoke from fires is irritating
Advice for firefighters	Wear Breathing Apparatus

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear protective clothing as per section
Environmental Precautions	Do not allow to enter public sewers and watercourses
Methods and material for containment and cleaning up	Absorb spillage in inert material and shovel up.Ventilate the area and wash spill site after material pickup is complete
Reference to other sections	Section 13

7. Handling and Storage

Precautions for safe handling	Eyewash bottles should be available. Do not get in eyes, on skin, or on clothing
Conditions for safe storage, including any incompatibilities	Store materials in cool and dry place. The container should be tightly closed.Store in a well-ventilated place
Protect from	Direct Sunlight

8. Exposure controls and personal protection

Control Parameters - Potassium Hydroxide
Exposure controls - No special ventilation is required unless the product is used in a spray form

Occupational exposure controls

Body Protection	Wear suitable protective clothing, including eye/face protection and gloves.
Eye Protection	Wear eye protection (on possibility of contact)
Hand protection	Wear PVC chemical resistance protective glove



Gloves



Goggles

9. Physical and chemical properties

Appearance	Clear liquid
Density	In g/cm3 at 20°C: 1.05-1.1
Boiling Point	98°C - 100°C
Flash Point	Not Applicable
pH	Alkaline (13)
Compatibility	
Metal	No Known Effect
Rubber	No Known Effect
Solubility	100% soluble in water

10. Stability and reactivity

Reactivity	No hazardous reactions known if used for its intended purpose
stability	Considered stable under normal conditions
Hazardous reactions	No hazardous reactions known if used for its intended purpose
Conditions to avoid	Not Determine
Incompatible materials	Incompatible with acid and oxidizing substances
Hazardous Decomposition Products	No hazardous decomposition products known

11. Toxicological information

Information on toxicological effects	LD50 (oral,rat) >10,000 g/kg
Contact with eyes	Can cause damage to the eyes
Contact with skin	Causes redness and irritation.Prolonged skin or eye contact may cause chemical burns.
Ingestion	The ingestion of significant quantities may cause burning sensation.The ingestion of significant quantities may cause damage to digestive system
Inhalation	In cases of severe exposure, irritation may develop

12. Ecological information

Product has not been tested for environmental effect.

13. Disposal considerations

As per guideline of local rules and regulation and before disposal and neutralization pl. refer 07 article.
Do not discharge into drains or the environment, dispose to an authorised waste collection point

14. Transport information

Proper Shipping Name	Sodium hydroxide, solution		
UNNo.	3266		
Hazard Class	8	PackingGroup	II

Road/Rail(ADR/RID)

Proper Shipping Name	Sodium hydroxide, solution		
ADR UN No.	3266		
ADR Hazard Class	8	Tremcard	80S1824

Sea(IMDG)

Proper Shipping Name	Sodium hydroxide, solution		
IMDG UN No.	3266		
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(ICAO/IATA)

Proper Shipping Name	Sodium hydroxide, solution		
ICAO Un No.	3266		
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 3266
		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

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