

## 1. Product and Company Identification

www.rxmarine.com

Product Name RXSOL-20-3018-210  
Product Type Aquaclean HD Alkaline Cleaner

### Company Details:

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

Stock Point ::: Kandla Mundra, Mumbai - JNPT, Chennai - Ennore, Visakhapatnam - Gangavaram, Kolkata - Haldia, Fujairah, Muscat

Phone +91 22 27815540 / 41 / 42  
Fax +91 22 2781 1318 :::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	Concentration	CAS Number	EC Number	R Phrases
Potassium hydroxide	10-5%	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
Proprietary Blend	60-70			

## 3. Hazards Identification

www.rxmarine.com

Odour	Odourless
Appearance	Liquid, colourless , soluble in water
Contact with eyes	Corrosive to eyes, Can cause damage to the eyes
Contact with skin	Causes severe burns (R35)
Inhalation	No information available but must be considered harmful
Ingestion	Harmful if swallowed (R22)

## 4. First Aid Measures

www.rxmarine.com

Contact with skin	Immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice if ne
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoro 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

www.rxmarine.com

- Non combustible
- Smoke from fires is corrosive
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Vapour density - not applicable

## 6. Accidental Release Measures

www.rxmarine.com

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

www.rxmarine.com

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

www.rxmarine.com

Exposure Limits	OES / LTEL # ppm 2 mg/m <sup>3</sup> (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 recommended). fumigation/spraying wear suitable respiratory equipment (S42).

## 9. Physical and chemical properties

www.rxmarine.com

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

www.rxmarine.com

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

## 11. Toxicological information

www.rxmarine.com

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 damage the digestive system.
Carcinogenicity	No evidence of carcinogenic effects.

## 12. Ecological information

www.rxmarine.com

Ecotoxicity	This product has been evaluated on its behaviour in the environment by "The TNO Institute of Environmental Netherlands organisation for applied Scientific Research). Their conclusion on this product reads: "In general, this little danger to the environment, its main ingredients will either dissolve rapidly and dissociate in water or are biodegradable." Based upon their report, IMO's BCH Working Group on the Evaluation of Safety and Pollution Hazard product for use as tank cleaning agent by chemical tankers.
Mobility	Completely soluble in water
Persistence and Biodegradability	Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant
Other Adverse Effects	May cause acute effects in the environment No environmental problems are expected when the product is used / has its intended use, the product will not be released into the environment.

## 13. Disposal considerations

www.rxmarine.com

Classification	This material and/or its container must be disposed of as hazardous waste EU Waste class: 0602.
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in local, state or national legislation.

## 14. Transport information

www.rxmarine.com

Proper Shipping Name UN	Proper Shipping Name UNNo. Hazard Class	Potassium hydroxide, solution 1824 8	PackingGroup:
Road/Rail(ADR/RID)	Proper Shipping Name ADR UN No. ADR Hazard Class	Potassium hydroxide, solution 1824 8	Tremcard:
Sea(IMDG)	Proper Shipping Name IMDG UN No. IMDG Hazard Class. IMDG EmS IMDG Labels	Potassium hydroxide, solution 1824 8 F-A, S-B 8	IMDG Pack Group.: IMDG subrisk IMDG Flash point:
Air(ICAO/IATA)	Proper Shipping Name ICAO Un No. ICAO Hazard Class. ICAO subrisk ICAO Flash point	Potassium hydroxide, solution 1824 8 N/A N/A	ICAO Packing Group. ICAO Labels
DOT/ CFR (US Department of Transportation)	DOT Proper Shipping Name Hazardous Material Hazard Class Product RQ (lbs): DOT Labels	Potassium hydroxide, solution Potassium hydroxide 8 3640 8	Identification Number DOT subrisk DOT Flashpoint:

## 15. Regulatory information

www.rxmarine.com

Risk Phrases	Causes severe burns (R35)
Safety Phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where

## 16. Other information

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.