



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-20-2004-050

Alkaline Safety Liquid

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-20-2004-050
Product Type	ALKALEEN SAFETY LIQUID

Company Details:

RX MARINE INTERNATIONAL

105, A wing , BSEL , TECH PARK.

VASHI ,NEW BOMBAY 400703 INDIA

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318 ::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Disodium metasilicate	5-10	6834-92-0	229-912-9	34, 37	C
2-ethylhexanol, ethoxylated, phosphated	<5	31800-88-1	-	34	C

*See Section 16

3. Hazards Identification

www.rxmarine.com



Corrosive

Odour	Odourless
Appearance	Liquid, clear , pale yellow, soluble in water
Contact with eyes	Can cause damage to the eyes

Contact with skin	Can cause damage to the skin
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
Ingestion	The ingestion of significant quantities may cause damage to stomach lining

4. First Aid Measures

www.rxmarine.com

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice if necessary Contaminated clothing should be laundered before reuse
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes 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 plenty of water to drink Obtain immediate medical attention
Inhalation	Inhalation is unlikely to occur Remove patient to fresh air 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)

5. Fire-fighting Measures

www.rxmarine.com

- Non combustible
- Decomposition products may include toxic and irritant fumes
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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.
Immediate Actions	Contain spillage by any means possible.
Clean Up Actions	Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete.
Special Precautions	Wear protective clothing as per section 8.

7. Handling and Storage

www.rxmarine.com

Handling	The usual precautions for handling chemicals should be observed See Section 8 Eyewash bottles should be available
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	There are no recommended or established controls for this product
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) During fumigation/spraying wear suitable respiratory equipment (S42)



Gloves



Goggles



Suit



No_Smoking

9. Physical and chemical properties

www.rxmarine.com

Odour	Odourless
Appearance	Clear Liquid, pale yellow, soluble in water
pH	10.5 - 11.5 at 0.1 % concentration
Boiling point	>100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	<0 °C at 760 mm/Hg
Completely soluble in water	1.07
Specific gravity (water=1)	
Non combustible	

10. Stability and reactivity

www.rxmarine.com

- Stable
- Avoid overheating, Keep away from frost
- See Section 5

11. Toxicological information

www.rxmarine.com

Toxicological information	No experimental data available.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Contact with skin	Prolonged skin or eye contact may cause chemical burns.
Contact with eyes	Prolonged skin or eye contact may cause chemical burns.

Ingestion	The ingestion of significant quantities may cause burning sensation.
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 Sciences" (The Netherlands organisation for applied Scientific Research). Their conclusion on this product reads: "In general, this cleaning agent poses little danger to the environment, its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable." Based upon their report, IMO's BCH Working Group on the Evaluation of Safety and Pollution Hazards approved this product for use as tank cleaning agent by chemical tankers.
Mobility	Completely soluble in water.
Persistence and Biodegradability	The components in this product are readily biodegradable.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly.

13. Disposal considerations

www.rxmarine.com

Classification	This material and/or its container must be disposed of as hazardous waste EU Waste class: 06 02
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation

14. Transport information

www.rxmarine.com

- Not classified as hazardous for transport

15. Regulatory information

www.rxmarine.com

Risk Phrases	Causes burns (R34) Irritating to respiratory system (R37).
Safety Phrases	Avoid contact with skin and eyes (S24/25) Wear suitable protective clothing, eye/face protection (S36/39) In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

www.rxmarine.com

Text of R and S phrase codes used in this safety data sheet:-

R34: Causes burns;

R37: Irritating to respiratory system.

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.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit **varanasichemical.com**. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.