Material Safety Data Sheet

Alkaline Safety Liquid (RXSOL-20-2004-050)

1. Product and Company Identifaction

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

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2. Composition / informationon ingredients

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



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

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

- 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

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

?? 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

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

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

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

11. Toxicological information

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

Ecotoxicity	This product has been evaluated on its behaviour in the environment by "The TNO Institue 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

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

- Not classified as hazardous for transport

15. Regulatory information

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

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 otherapplication(s) without seeking advice from manufacturer

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