

1. Product and Company Identification

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Product Name **ALKALEEN SAFETY LIQUID 25 ltr**
Part Number **RXSOL-20-2004-025**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemica Name	Concentration	CAS Number	EC Number	R Phrases
Disodium metasilicate	5 -10 %	6834-92-0	229-912-9	34, 37
Fatty alcohol ethoxylate	1- 5 %	34398-01-1	500-084-3	22,41
Alkylglucosid	4- 6%	161074-93-7	500-529-1	41
2(2-butoxyethox) ethanol	1- 5%	112-34-5	203-961-6	36

3. Hazards Identification

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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

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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 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. Seek 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

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- 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

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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

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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

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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) fumigation/spraying wear suitable respiratory equipment (S42)



Gloves Suit Goggles

9. Physical and chemical properties

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Odour	Odourless
Appearance	Clear Liquid, off white, soluble in water
pH	12.5 - 13.5
Boiling point	100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	2000 mg/kg
	LD50 (oral,rat) (Alkoholethoxylate) 300-2000 mg/kg
	LD50 (oral,rat) (2-(2-buthoxyethoxy)ethanole) >2000 mg/kg
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

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Toxicity

- LC50 (fish) (2(2-butoxyethoxy)ethanol) 1300 mg/l (96 hr)
- LC50 (fish) (Alcholethoxylate) 1-10 mg/l (96 hr)
- LC50 (fish) (Alkylglucoside) >100 mg/l (96 hr)

Persistence and degradability

- The components in this product are readily biodegradable.

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Mobility in soil

- Completely soluble in water

Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

Other Adverse Effects

- No information available

13. Disposal considerations

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Classification

This material and/or its container must be disposed of as hazardous waste EU Waste class: 06 02.05

Disposal considerations

Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should with local, state or national legislation

14. Transport information

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- Not classified as hazardous for transport

15. Regulatory information

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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 you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

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