

## 1. Product and Company Identification

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Product Name RXSOL-20-2005-020  
Product Type Alkaleen Liquid Heavy Duty 25 Ltr

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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SURFACTANT ( ANIONIC & NON-IONIC ) , LAB , Potassium hydroxide Strong alkaline cleaner Declaration according recommendation 89/542/EEG..

\*See Section 16

## 3. Hazards Identification

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Environmental Hazards None  
Human Health Hazards Moderates  
R 35:Causes skin burning effects

## 4. First Aid Measures

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Inhalatin Supply or remove to fresh air and seek medical advice attention.  
Skin Contact Rinse with running water and soap. Skin care. Remove contaminated clothes.  
Eye Contact Flush with running water for at least 15 minutes Immediately .  
Ingestion Vomiting is dangerous , seek medical attention.

## 5. Fire-fighting Measures

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Non Combustible Porduct

Suitable N.A. can use foam dry Co2 , water-spray.  
Not suitable Not applicable  
Special Not applicable  
Protection of fire Fighter Not applicable

Special protective equipment for fire-fighters: Wear protective equipment.

## 6. Accidental Release Measures

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Enviromental Precaution Direct flow into drainage system, surface or ground water is prohibited.  
Cleaning Method Flush Spill Area with Water and remove with liquid-absorbing material like foam sand,sawdust etc..

## 7. Handling and Storage

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Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to Acidic / Oxidizing Agents
Handling	Keep Container Tightly Closed

Note: Eyewash facilities require at workplace. The product causes corrosion on skin and mucous membranes. Pl. Note that in case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser. For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website [www.rxmarine.com](http://www.rxmarine.com)

☞ Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

## 8. Exposure controls and personal protection

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Personal protection :

Respiratory System Protection	Approved respirator must be worn when spraying
Eye Protection	Clear eye protection (on possibility of contact)
Hand protection	Clear PVC chemical resistance protective glove



Gloves Suit Goggles No\_Smoking

## 9. Physical and chemical properties

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Product Properties:

Appearance	Pale clear liquid
Density	In g/cm <sup>3</sup> at 20°C: 1.21
Compatibility	
Metal	No known effect
Rubber	No known effect
pH	Alkaline ( 13 )
Flash point	Not Applicable
Solubility	100% soluble in water
Packaging	Size (in Litres)

## 10. Stability and reactivity

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Hazardous Decomposition Products	Do not occur if stored and used as directed. In FIRE combustion CO, CO <sub>2</sub> , NH <sub>3</sub> , SOX etc hazardous gas produced
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NOTE : Avoid Contact With Acid

## 11. Toxicological information

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**Comment** - Not applicable, Emulsifies in water

## 12. Ecological information

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### 13. Disposal considerations

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As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

### 14. Transport information

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Proper Shipping Name  
UN

Proper Shipping Name	Alkaline solution		
UNNo.	1824		
Hazard Class	8	PackingGroup	II
Road/Rail(ADR/RID)			
Proper Shipping Name	Alkaline solution		
ADR UN No.	1824		
ADR Hazard Class	8	Tremcard	80S1824
Sea(IMDG)			
Proper Shipping Name	Alkaline solution		
IMDG UN No.	1824		
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(ICA0/IATA)			
Proper Shipping Name	Alkaline solution		
ICAO Un No.	1824		
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	Alkaline solution		
Hazardous Material	Sodium Hydroxide		
Hazard Class	8	Identification Number	UN 1824
Product RQ (lbs)	3640	DOT subrisk	N/A
DOT Labels	8	DOTFlashpoint	N/A

### 15. Regulatory information

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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 see  
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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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular properties

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