Material Safety Data Sheet

Thermic Fluid Decarbonizer (RXSOL-37-1003-025)

1. Product and Company Identifaction

Product Name	**RXSOL-37-1003-025**
Product Type	**Thermic Fluid Decarbonizer CARBON REMOVER**

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
1,2-Dichlorobenzene	30-60	95-50-1	202-425-9	22, 36/37/38, 50/53	Xn, N
Emulsified Xylenol	10-30	1300-71-6	215-089-3	24/25, 34, 51/53	T, N
Emulsifiable Liq of Aliphatic & Aromatic, unspecified	10-30	64742-94-5	265-198-5	65, 66, 51, 53	Xn, N
Naphtha(petroleum)hydrosulfurizedheavy	10-30	64742-82-1	265-185-4	65, 66	Xn

*See Section 16

3. Hazards Identification



Toxic



Corrosive

Odour	Unpleasant odour, Strong smell of phenol.
Appearance	Liquid, brown, dispersible in water.
Contact with eyes	Can cause damage to the eyes.
Contact with skin	Causes burns (R34), Toxic in contact with skin and if swallowed (R24/25).

Inhalation	May cause severe irritation, May cause dizziness, confusion, headache or stupor, In cases of severe exposure, anaesthesia may develop.
Ingestion	Toxic if swallowed (R25).
	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R50/53.

4. First Aid Measures

Dangerous for the Environment	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water When in doubt or symptoms persist, seek medical attention.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 Irrigate eyes thoroughly whilst lifting eyelids.Seek immediate medical attention Continue flushing with water until medical help arrives.
Ingestion	Never make an unconscious person vomit or drink fluids Give plenty of water to drink Do not induce vomiting Seek immediate medical attention.
Inhalation	Remove patient to fresh air.Keep warm and at rest, in a half upright position. Loosen clothing When in doubt or symptoms persist, seek medical attention.
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).

5. Fire-fighting Measures

- Flash point >70 deg C (CC)
- Decomposition products may include phosgene, Decomposition products may include carbon oxides
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Prevent run off water from entering drains if possible
- Use water spray or fog to knock down and absorb corrosive fumes
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
Environmental Precautions	Do not allow to enter public sewers and water courses.
Immediate Actions	Use appropriate containment to avoid environmental contamination (S57).
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 Avoid release to the environment. Refer to special instructions/Safety data sheets (S61) Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.

7. Handling and Storage

Handling	See Section 8 Eye wash bottles should be available Avoid contact with skin and eyes (S24/25)
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49)

8. Exposure controls and personal protection

Exposure Limits	TLV (TWA) 20 ppm, 122 mg/m3 (1,2-Dichlorobenzene)
Exposure controls	The undiluted product must not be used in a confined space without good ventilation
Occupational exposure controls	Wear approved respirator if exposure likely to exceed MEL/OES Wear goggles giving complete eye protection Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)


Respirator


Gloves


Goggles


No_Smoking

9. Physical and chemical properties

Odour	Unpleasant odour, Strong smell of phenol
Appearance	Liquid, brown, dispersible in water
pH	10-11 (5% in 50/50 H2O-IPA mix)
Boiling point	> 100 °C at 760 mm /Hg
Vapour pressure	not known
Vapour density	(air = 1) >01
Freezing point	0 °C at 760 mm/Hg
Insoluble in water	
Specific gravity	(water=1) 1.02
Flash point	>70 deg C (CC)

10. Stability and reactivity

- This article is considered stable under normal conditions, May cause rubber to swell
- Avoid overheating
- Incompatible with strong oxidizing substances, Contact with alkaline earth metals may form explosive

gases, Contact with alkali metals may form explosive gases
- 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	In cases of severe exposure, redness and irritation may develop.
Contact with eyes	Causes irritation.
Ingestion	May cause gastro-intestinal disturbances.
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	This product does not contain ingredients which are classified in the EU as dangerous for the environment.
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. 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 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

Proper Shipping Name:

UN

Proper Shipping Name:	Toxicliquid organic, n.o.s	(Xylenol, 1,2-dichlorobenzene)	
UN NO.	2810		
Hazard Class	6.1	PackingGroup	III

Road/Rail(ADR/RID)

Proper Shipping Name	Toxicliquid, organic, n.o.s.	(Xylenol, 1,2-dichlorobenzene)
ADR UN No.	2810	

ADRHazardClass	6.1	Tremcard	61GT1-III

Sear (IMDG)

Proper Shipping Name	Toxicliquid, organic, n.o.s.	(Xylenol, 1,2-dichlorobenzene)	
IMDG UN No.	2810		
IMDG Hazard Class	6.1	ICAO PackingGroup	III
IMDG EmS	F-A, S-A	IMDG subrisk:	N/A
IMDG Labels	6.1+Mar	Pollutant	
IMDG Flashpoint	>70°C		

Air(ICAO/IATA)

ProperShippingName	Toxicliquid, organic, n.o.s.	(Xylenol, 1,2-dichlorobenzene)	
ICAO UnNo	2810		
ICAO HazardClass	6.1	ICAO PackingGroup	III
ICAO subrisk	N/A	ICAO Labels	6.1
ICAO Flashpoint	>70°C		

DOT/ CFR(USDepartment ofTransportation

DOTProperShippingName	Toxicliquid, organic, n.o.s.	(Xylenol, 1,2-dichlorobenzene)	
HazardousMaterial	Xylenol,	1,2-dichlorobenzene	
HazardClass	6.1	IdentificationNumber	UN2810
Product RQ (lbs)	100	DOTsubrisk:	MarinePollutant
DOTLabels	6.1+Mar	Pollutant	
DOTFlashpoint	>70°C		

15. Regulatory information

Risk Phrases	Irritating to eyes (R36)
Safety Phrases Irritant	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26) Wear suitable gloves and eye/face protection (S37/39)

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; 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 This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC) This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC) This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC) Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents: Nonionic surfactants 5-15 % Amphoteric surfactants 5 %

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