Material Safety Data Sheet

Cement Remover Gel (RXSOL-22-2218-025)

1. Product and Company Identifaction

Product Name	**RXSOL-22-2218-025**
Product Type	CEMENT REMOVER GEL

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

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

2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Proprietory Blend	20-40	.....	.....	34, 37	C
Corrosion Inhibitor	5-10	NA	NA	NA	-
Capryliminodipropionate	6-8	.....	.....	.....	.....
Hordaphos MDGB Phosphate ester, Clariant AG					
Phosphoric Derivative					

*See Section 16

3. Hazards Identification

Odour	Free from fumes
Appearance	GelLiquid, Clear, soluble in water.
Contact with eyes	Can cause damage to the eyes.
Contact with skin	Prolonged skin or eye contact may cause chemical burns.
Inhalation	Causes severe irritation, May cause breathing difficulty.
Ingestion	Not regarded as a potential route of exposure.,Causes burning sensatio.

4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Seek medical advice if necessary Contaminated clothing should be laundered before use
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15minutes.Irrigate eyes thorough lywhilst lifting eyelids Can cause damage to the eyes Obtain immediate medical attention
Ingestion	Do not induce vomiting Never give anything by mouth to anunconscious person.Give plenty of water to drink Obtain immediate medical attention
Inhalation	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)

5. Fire-fighting Measures

-Non combustible
-Smoke from fires is corrosive, Hydrogen chloride may be formed
-Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
-Substance evolves toxic fumes, wear self-contained breathing apparatus
-Use water spray or fog to knock down and absorb corrosive fumes

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as persection8.
Environmental Precautions	Do not allow to enter public sewers and water courses.
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 persection 8.

7. Handling and Storage

Handling	Avoid contact with skin and eyes(S24/25) Do not breathe vapour/fumes(S23) Eye wash bottles should be available Wear protective clothing as per section8 Ensure adequate ventilation Inuse, may form flammable/explosive vapour-air mixtur(R18)
Storage	Keep only in the original container in a cool, well ventilated place(S3/9/49) Keep in acid store

8. Exposure controls and personal protection

Exposure Limits	TLV(TWA)1mg/m3(HCl).
Exposure controls	The undiluted product must not be used in a confined space without good ventilation.

Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves(plastic or rubber are recommended) Respiratory protectionmay be required under exceptional circumstances when excessive air contamination exists Eyewash bottles should be available.





9. Physical and chemical properties

Odour	Characteristic light smell
Appearance	Gel Liquid, Clear, soluble in water
PH	1.5at 100%concentration
Boiling point	~100°Cat 760mm/Hg
Vapour pressure	105.5at 20degC
Vapour density	(air=1)1.26
Freezing point	~-30°Cat 760mm/Hg
soluble in water	Completely soluble in water
Specific gravity	(water=1)1.06
Non combustible	

10. Stability and reactivity

This articleis considered stable under normal conditions, In use, may form flammable / explosive vapou r-airmixture(R18), Reaction products may include hydrogen.Avoid over heating.In compatible with alkalis(strong bases).Contact with nitrite(e.g. Diesel guard NB, Cooling Water treatment)
liberates toxic gas.

11. Toxicological information

Toxico logical information	Prolonged skin or eye contact may cause chemical burns.
Inhalation	Can cause damage to the respiratory system.
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	Can cause damage to the digestive system.
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	This product contains watersoluble and bio degradable composition.
Mobility	Emulsifies in water.
Persistence and Biodegradability	Most components in this product are not readily biodegradable.
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumilate.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly.In its intended use, the product will not be released into the environment.

13. Disposal considerations

Classification	This material and/or its container must be disposed of as disposal waste procedure.
Disposal considerations	Obtain the consent of pollution control authorites before discharging to waste water treatment plants(S54) Disposl should be in accordance with local, state or national legislation

14. Transport information

Proper Shipping Name

UN

Proper Shipping Name	Acidic Gel viscous solution		
UN NO.	1789		
Hazard Class	8	PackingGroup	II

Road/Rail(ADR/RID)

Proper Shipping Name	Acidic Gel Viscoussolution		
ADR UN No.	1789		
ADRHazardClass	8	Tremcard	80GC1789-II

Sear (IMDG)

Proper Shipping Name	Acidic Gel solution

IMDG UN No.	1789		
IMDG Hazard Class	8	ICAO PackingGroup	II
IMDG EmS	F-A, S-B	IMDG subrisk	N/A
IMDG Labels	8	IMDG Flashpoint	N/A

Air(ICAO/IATA)

ProperShippingName	Acidic Gel solution		
IMDG UNNo	1789		
IMDG HazardClass	8	IMDG PackGroup	II
ICAO subrisk	N/A	ICAO Labels	8+CAO
ICAO Flashpoint	N/A		

DOT/ CFR(USDepartment ofTransportation

DOTProperShippingName	Acidic Gel solution		
HazardousMaterial	Acidic solution		
HazardClass	8	IdentificationNumber:	UN1789
Product RQ (lbs)	N/E	DOTsubrisk	N/A
DOTLabels	8	DOTFlashpoint	N/A

- Forbiddenonpassengeraircraft

15. Regulatory information

Risk Phrases	Causes burns(R34) Irritating to respiratory system(R37)
Safety Phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice(S26). Wear suitable protective clothing, eye/face protection and gloves(S36/37/39) In case of accident or if you feel un well, seek medical advice immediately (show the label where possible)(S45)

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 constituent 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 propertiesThe data given here only applies when product used for proper applicat-ion(s).The product is not sold as suitable.

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.