



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-19-1593-500
CUPROUS CHLORIDE - PURE

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-22-2202-020
Product Type	Cement Floor Cleaner

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat, Nairobi

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

2. Composition / Information on ingredients

www.rxmarine.com

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Proprietary 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

www.rxmarine.com

Odour	Strong smell of hydrogen chloride.
Appearance	Liquid, pale yellow, 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

www.rxmarine.com

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 an unconscious 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

www.rxmarine.com

- 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

www.rxmarine.com

Personal Precautions	Wear protective clothing as per section 8.
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 per section 8.

7. Handling and Storage

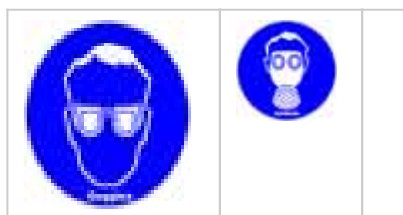
www.rxmarine.com

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 section 8 Ensure adequate ventilation In use, may form flammable/explosive vapour-air mixture(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

www.rxmarine.com

Exposure Limits	TLV(TWA)1mg/m3(HCl).
Exposure controls	The undiluted product must not be used in a confined space with out good ventilation.
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves(plastic or rubber are recommended) Respiratory protection may be required under exceptional circumstances when excessive air contamination exists Eye wash bottles should be available.



9. Physical and chemical properties

www.rxmarine.com

Odour	Pungent smell
Appearance	Liquid, pale yellow, 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)1.16
Non combustible	

10. Stability and reactivity

www.rxmarine.com

This article is considered stable under normal conditions, In use, may form flammable / explosive vapour-air mixture(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

www.rxmarine.com

Toxicological 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

www.rxmarine.com

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 bioaccumulate.
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

www.rxmarine.com

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

14. Transport information

www.rxmarine.com

Proper Shipping Name				
UN				
	Proper Shipping Name	Acidic solution		
	UN NO.	1789		
	Hazard Class	8	PackingGroup	II
Road/Rail(ADR/RID)				
	Proper Shipping Name	Acidic solution		
	ADR UN No.	1789		
	ADRHazardClass	8	Tremcard	80GC1789-II
Seal (IMDG)				
	Proper Shipping Name	Acidic 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(ICA0/IATA)				
	ProperShippingName	Acidic 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 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

www.rxmarine.com

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

www.rxmarine.com

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 application(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.	

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.