Material Safety Data Sheet

IRON ORE RUST REMOVER (RXSOL-22-1388-210)

1. Product and Company Identifaction

Product Name	RXSOL-22-1388-210
Product Type	IRON ORE RUST REMOVERRUST REMOVER
Revised Date	16-03-2025

Company Details:

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

Branch Stock Point : Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat

Phone	+91 22 27815540 / 41 / 42
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Ethoxylated Fatty alcohol, Phosphoric Acid and Long chain Detergent remaining which is not in the list of hazardous materials .

3. Hazards Identification

Human Health Hazards R 34 : Causes Burns
Keep away from food, children , animal .

4. First Aid Measures

Inhalation	No fumes but after inhalation medical attention require
Skin Contact	In case of contact with skin , wash immediately with plenty of water and soap Remove contaminated clothes.
Eye Contact	Flush with running water for at least 15 minutes Immediately medical attention require.
Ingestion	Seek medical attention , try to drink more plenty of fresh water.

5. Fire-fighting Measures

Non combustible product

Suitable	Not known , on direct exposure to heat dangrous emission of gas of COx SOX can be released
Not suitable	Not applicable

Special	Not applicable
Protection of fire Fighter	Not applicable
Precaution for fire fighters	Wear protective equipment with breathing apparatus.

6. Accidental Release Measures

Enviromental Precaution	Before flowing into drainage system, surface or ground water First of all neutralize with alkaline materials like lime powder for pH balancing between 6-10.
Cleaning Method	Flush Spill Area with Water and avoid contact with skin and eye.

7. Handling and Storage

Condition to Avoid	Non flammable but avoid direct heating
Materials to Avoid	Do not subject to ALKALINE medium.
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 treat- ment plants. So that for maintaining pH we have to add acidic / basic medium neutaliser . 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
• 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

Personal protection:

Eye Protection	Strictly wear eye protection
Hand protection	Wear PVC chemical resistance protective gloves

9. Physical and chemical properties

Appearance	Clear liquid
Density	g/cm3 at 15°C: 1.5
pH	10% solution 1.5-2.5
Flash Point	Not applicable
Compatibility	

Metal	Concentrate and long touch may corrode.
Rubber	No known effect

10. Stability and reactivity

Decomposition Products: Do not occur hazard if stored and used as directed. In FIRE combustion CO, CO2 , NH3 , SOX etc hazardous gas produced.
NOTE : AVOID CONTACT WITH ALKALINE SUBJECT.

11. Toxicological information

Skin Irritation	Cause severe irritation
Eye Irritat	Cause severe irritation
Sensitization	Cause Sensitizing
Chronic Toxicity	Not Identified
Carcinogencity	No

12. Ecological information

RXSOL-16-1088-025 is degradable and due to highly acidic in nature must be neutralized as per guidance and ingridents used in it.

13. Disposal considerations

As per guide line, 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 treat- ment plants. So that for maintaining pH we have to add acidic / basic medium neutaliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required.

14. Transport information

Transport over land ADR/RID	1805 8/11c 8/11c
Transport over inland waterways ADN/ADNR	
Transport over sea IMDG	8
Transport by air ICAO/IATA	8/1805
Phosphoric acid	
sea	EMS 8-08, MFAG 700 PG III

15. Regulatory information

Classification and labelling according to 4. Novelle Gefahrstoff-Verordnung Symbols of danger :C Corrosive Ingredients : Phosphoric acid R-phrases :

R34	Use Hand gloves , Cause burns
S-phrases	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately

National prescriptions : Self classification on the basis of component assessments or analogy conclusions without addition/subtraction of points for good/poor biodegradability etc.

16. Other information

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 products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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