



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

**RXSOL-22-1388-210**  
IRON ORE RUST REMOVER

## Material Safety Data Sheet (MSDS)

[www.rxmarine.com](http://www.rxmarine.com)

### 1. Product and Company Identification

|              |                                   |
|--------------|-----------------------------------|
| 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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### 2. Composition / Information on ingredients

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

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### 3. Hazards Identification

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

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### 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<br>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

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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

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|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|                    |                                        |
|--------------------|----------------------------------------|
| 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 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:

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

## 9. Physical and chemical properties

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|            |                                |
|------------|--------------------------------|
| Appearance | Clear liquid                   |
| Density    | g/cm <sup>3</sup> 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

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

NOTE : AVOID CONTACT WITH ALKALINE SUBJECT.

## 11. Toxicological information

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|                  |                         |
|------------------|-------------------------|
| Skin Irritation  | Cause severe irritation |
| Eye Irritation   | Cause severe irritation |
| Sensitization    | Cause Sensitizing       |
| Chronic Toxicity | Not Identified          |
| Carcinogenicity  | No                      |

## 12. Ecological information

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

## 13. Disposal considerations

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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 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.

## 14. Transport information

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|                                          |                           |
|------------------------------------------|---------------------------|
| 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

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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

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

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