Material Safety Data Sheet

Iron Ore Red Dust Cleaner (RXSOL-22-1388-025)

1. Product and Company Identifaction

Product Name	Iron Ore Red Dust Cleaner
Product Type	RXSOL-22-1388-025

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
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

INGREDIENTS

All hazardous substances as defined by the NOHSC code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as “other ingredients determined not to be hazardous.”

CHEMICAL NAME	CAS No.	PROPORTION
Proprietary Acidic Organic Salt Complex	Secret	30-60%
Other ingredients determined not to be hazardous		>60%

3. Hazards Identification

HAZARDOUS SUBSTANCE ACCORDING TO THE CRITERIA OF NOHSC

NON DANGEROUS GOODS ACCORDING TO THE Australian Dangerous Goods Code

Product Name: iRON ORE Red DUST CLEANER

Risk Phrase:

R36 Irritating to eyes

R37 Irritating to respiratory system

R38 Irritating to skin

Safety Phrases: S(1) Keep out of reach of children S24/25 Avoid contact with skin and eyes.

4. First Aid Measures

Swallowed:	If poisoning occurs, immediately contact a doctor or a Poisons Information Centre Tel 131 126 . Do NOT induce vomiting. Give 3 glasses of water

Eyes:	In case of contact with eyes, flush immediately under running water (ensure eyelids are held open) for 15 minutes. If irritation persists contact a doctor or Poisons Information Centre.
Skin:	Remove contaminated clothing immediately and wash skin thoroughly with soap and water. Seek medical advice if irritation persists
Inhaled:	Remove from contaminated area. Apply artificial respiration if not breathing.
First Aid Facilities:	Normal washroom facilities.
Advice to doctor:	Treat symptomatically. Immediate dilution with water beneficial.

5. Fire-fighting Measures

Flammability: Not flammable or combustible.

Fire/Explosion Hazard: Use dry chemical, foam or water fog. Wear full body protective clothing with self contained breathing apparatus (SCBA) and

protective gloves. Use any means available to prevent any spillage entering a watercourse.

Hazardous Combustion Products: None known

6. Accidental Release Measures

Spills and Disposals:

Large Spills - Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.

Small Spills – Flush away with copious amounts of water.

Personal Protective Equipment: Refer to Section 8 of this MSDS for PPE required.

7. Handling and Storage

Storage & Transport:	Store in a cool place and out of direct sunlight. Store away from strong alkalis and oxidizing agents. Store away from possible contact with non-ferrous metals. Keep container sealed when not in use. Store locked up and out of reach of children. Only store in the original container as supplied by the manufacturer.
Handling:	Always use recommended Personal Protective Equipment (see section 8 of this MSDS). Do not mix with any other chemical unless expressly recommended by the manufacturer.

8. Exposure controls and personal protection

Exposure Standards: No exposure standards have been assigned to this product.

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated,

reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment:

Gloves – Use NBR or vinyl gloves.

Goggles – Use chemical goggles.

Respiratory Protection – Not normally required. If used in confined spaces, select and use respirators in accordance with AS/NZS 1715/1716.

The use of half-face P1 (dust/mist) respirator with replaceable filters is recommended.

9. Physical and chemical properties

Appearance: Charastic colour liquid with mild chemical odour

Boiling Point: Not available

Vapour Pressure: Not available

Specific Gravity: 1.12

Flashpoint: Not flammable

Flammability Limits: Not flammable

Solubility in Water: Completely soluble

OTHER PROPERTIES Corrosiveness: Mildly corrosive to carbon steel, galvanized metal and aluminium.

Reactivity: Will react with alkalis and powdered oxidizing agents.

pH: 1.0 (Concentrate)

10. Stability and reactivity

Stability: Stable under normal conditions of use.

Hazardous Decomposition Products: Non known.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong alkalis and oxidizing agents.

Conditions to avoid: Incompatibilities and excessive heat.

11. Toxicological information

HEALTH EFFECTS:-

ACUTE

Swallowed: Will cause irritation to the mouth, throat and stomach with effects including mucous build-up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Eye: Will cause severe irritation and possible burns to the eyes with effects including: tearing, pain, corneal opacity and blurred vision. Skin: Will cause irritation to the skin, with effects including; redness, itching and drying/defatting.

Inhaled: Mists from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing, discomfort, breathing difficulty and shortness of breath.

CHRONIC Prolonged or repeated skin contact may lead to dermatitis. Prolonged eye contact may cause permanent eye damage.

Toxicological Information: There is no toxicological information for the product Discrete

12. Ecological information

Ecological Information: There is no ecological information for the product IRON Ore Red Dust Cleaner

13. Disposal considerations

Disposal Methods: Recycle all plastic containers using suitable local council recycling facilities. Rinse out the container with clear water. Avoid tipping product directly into the sewer system.

14. Transport information

IRON Ore Red Dust Cleaner is not classified as a Dangerous Good for transport or storage.

UN Number: Not allocated

Dangerous Goods Class and Subsidiary Risk: Not allocated

Proper Shipping Name:Not allocated

Hazchem Code:Not allocated

Poisons Schedule No: Not allocated

15. Regulatory information

Poisons Scheduling: S5

S1 Avoid contact with eyes

16. Other information

Abbreviations:

ppm - Parts per million

TLV - Threshold Limit Value

mmHG - Millimetres of Mercury (Hg) – this is a unit of pressure

CAS No - Chemical Abstracts Service Registry Number

TWA - Time Weighted Average

STEL -Short Term Exposure Limit

PEL - Permissible Exposure Limit.

& >- Less Than > Greater Than

UN - United Nations

AICS - Australian Inventory of Chemical Substances

LC50 - Lethal Concentration LC50 is the concentration of a material in air which causes death of 50% (one half of a group of test animals

LD50 - Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

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.