Material Safety Data Sheet

Phenol Red Indicator Solution (RXSOL-60-6024-100)

1. Product and Company Identifaction

Product Name	RXSOL-60-6024-100
Product Type	Phenol Red Indicator Solution

Company Details:

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

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

2. Composition / informationon ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	>99.9
34487-61-1	Phenol red, sodium salt	0.02-0.1

3. Hazards Identification

Emergency Overview

Appearance: Clear, red to orange liquid
Caution. May cause eye and skin irritation.
Target Organs: Eyes, skin, respiratory system

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause gastrointestinal tract irritation.

Inhalation: May cause respiratory tract irritation. Low hazard for usual industrial handling.

Chronic: No information found.

4. First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops. Wash clothing before reuse.
Ingestion:	Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid at once.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Treat symptomatically and supportively.

5. Fire-fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.
Autoignition Temperature:	Not applicable.
Flash Point:	Not applicable.
NFPA Rating:	CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0. CAS# 34487-61-1: Health- 2, Flammability- 1, Instability- 0.
Explosion Limits:	Lower: n/a Upper: n/a

6. Accidental Release Measures

General Information:
Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:
Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal.

7. Handling and Storage

Handling:
Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage:
Store in a cool, dry area. Keep containers tightly closed.

8. Exposure controls and personal protection

Engineering Controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits:

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None listed	None listed	None listed
Phenol Red, Sodium Salt	None listed	None listed	None listed

OSHA Vacated PELs: None.

Personal Protective Equipment
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators:
Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.
Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and chemical properties

Physical State:	Liquid
Color:	Red to orange
Odor:	Odorless
pH:	7-8
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Decomposition Temperature:	285°C
Solubility in water:	Soluble
Specific Gravity/Density:	1.0
Molecular Formula:	Not applicable
Molecular Weight:	Not applicable

10. Stability and reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials, excess heat.
Incompatibilities with Other Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Sulfur dioxide, carbon monoxide, carbon dioxide.
Hazardous Polymerization:	Has not been reported.

11. Toxicological information

RTECS:
CAS# 7732-18-5: ZC0110000.
CAS# 34487-61-1: unlisted.

LD50/LC50:
CAS# 7732-18-5:
Oral, rat: LD50 = >90 mL/kg.
CAS# 34487-61-1:
No information found.

Carcinogenicity:
CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.
CAS# 34487-61-1: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:
No information found

Teratogenicity:
No information found

Reproductive:
No information found

Mutagenicity:
No information found

Neurotoxicity:
No information found

12. Ecological information

No information found

13. Disposal considerations

Dispose of in accordance with Federal, State, and local regulations.

14. Transport information

Road/Rail (ADR/RID)
Proper Shipping Name: Mixture of Reagent (Phenol Red, Sodium Salt)
ADR UN No.: UN3288
ADR Packing Group: III ADR subrisk: -
ADR Flashpoint: - NA

Sea (IMDG)
Proper Shipping Name: Mixture of Reagent (Phenol Red, Sodium Salt)
IMDG UN No.: UN3288 IMDG Hazard Class.: 6.1
IMDG Pack Group.: III IMDG EmS: F-A, S-A

Air (ICAO/IATA)
Proper Shipping Name: Mixture of Reagent (Phenol Red, Sodium Salt)
ICAO Un No.: UN3288 ICAO Hazard Class.: 6.1
ICAO Packing Group.: III ICAO subrisk: -
ICAO Flashpoint: - N A

15. Regulatory information

US Federal
TSCA:
CAS# 7732-18-5 is listed on the TSCA Inventory.
CAS# 34487-61-1 is listed on the TSCA Inventory.

SARA Reportable Quantities (RQ):
None of the components are on this list.

CERCLA/SARA Section 313:
None of the components are on this list.

OSHA - Highly Hazardous:
None of the chemicals in this product are considered highly hazardous by OSHA.

US State
State Right to Know:
None of the components are on this list.

California Regulations:
None.

European/International Regulations
Canadian DSL/NDSL:
CAS# 7732-18-5 is listed on Canada's DSL List.
CAS# 34487-61-1 is listed on Canada's DSL List.
Canada Ingredient Disclosure List:
CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.
CAS# 34487-61-1 is not listed on Canada's Ingredient Disclosure List.

16. Other information

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