

Material Safety Data Sheet

Non Ionic Detergent (RXSOL-25-5012-220)



1. Product and Company Identification

Product Name : Non Ionic Detergent
Part Number : RXSOL-25-5012-220

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

Branch : Kandla, Mumbai, Chennai, Vizag, Kolkata, Surat, Muscat,OMAN, Fujairah & KENYA

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Email : 123@rxmarine.com
Website : www.rxmarine.com

2. Composition / information on ingredients

Name of Substance	Cas Number	EINECS No	Wt. %	Symbol
Surfactant Blend	Mixture	-	20-40 %	-

3. Hazards Identification

Signal Word	Warning
Hazard Statements	H302:Harmful if swallowed. H318:Causes serious eye damage
Precautionary statements - prevention	P264:Wash hands thoroughly after handling. P270:Do not eat, drink or smoke when using this product. :Wear eye protection/face protection.
Precautionary statements - response	P301+P312 :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 :Immediately call a POISON CENTRE or doctor/physician. P330 :Rinse mouth.
Additional information	P501:Disposal of contents/container to be specified in accordance with regulations.

4. First Aid Measures

General advice	Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Eye Contact	Rinse immediately with plenty of water for at least 15 minutes.
Skin Contact	Wash with water and soap as a precaution.
Inhalation:	No data available.
Ingestion:	Prevent aspiration of vomit. Turn victim's head to the side. Inhalation Move to fresh air
Notes to Physicians	No data available.

5. Fire-fighting Measures

Suitable extinguishing media

Carbon dioxide (CO₂). Dry chemical. Dry sand. Limestone powder.

Extinguishing media which must not be used for safety reasons:

No data available.

Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Incomplete combustion may form carbon monoxide.

Special protective equipment for fire-fighters

Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

Additional information

No data available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas

Environmental Precaution

Construct a dike to prevent spreading.

Methods and materials for containment and cleaning up

Place in appropriate chemical waste container. If possible, stop flow of product.

7. Handling and Storage

Advice on safe handling

Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Keep away from direct sunlight. Overheating of an ethoxylate stored under air should be avoided. When an ethoxylate is vigorously mixed in the presence of air or oxygen at temperatures >125 F (50 C), it can degrade product quality. Storage under an inert atmosphere is recommended. Storage Temperature : Store above 32F and below 100F.

Advice on general occupational hygiene

No data available.

8. Exposure controls and personal protection

Engineering Control

Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal Protection

Respiratory protection Not required for properly ventilated areas. 3/8 Hand protection Neoprene gloves. Nitrile rubber. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Eye protection Chemical safety glasses. Skin and body protection No specific recommendation.

Exposure Limits:

No data available.

Hygiene measures

Provide readily accessible eye wash stations and safety showers.



Gloves



Suit

9. Physical and chemical properties

Form

No data available

Odour

No data available

Boiling point and boiling range

212 deg F.

Flash Point

Over 212 deg F

Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	1.0 approximate
Water solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available

10. Stability and reactivity

Reactivity	None
Stability	Stable under normal conditions.
Possibility of hazardous reactions	No data available.
Hazardous Decomposition	Carbon monoxide. Carbon dioxide (CO ₂). Aldehydes Flammable hydrocarbon fragments.
Condition to Avoid	Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Copper alloys Strong acids.
Polymerization	No data available.

11. Toxicological information

Route of Exposure	Acute toxicity
Eyes	Moderate eye irritation.
Skin	Mild skin irritation.
Ingestion	No data available.
Inhalation	No data available.
Chronic Exposure	No data available.
Acute oral toxicity	LD ₅₀ : 1,400 mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	LD ₅₀ : > 5,000 mg/k
Additional information.	Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure. This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

12. Ecological information

Environmental Effects	No data available
Toxicity to fish	No data available
Aquatic toxicity	LC ₅₀ (96 h): 8.5 mg/l Species: Fathead minnow (<i>Pimephales promelas</i>). EC ₅₀ (48 h): 5.3 mg/l Species: <i>Daphnia magna</i> .
Toxicity to algae	Alcohols, C9-11, ethoxylated ErC ₅₀ (96 h) : 1 - 10 mg/l Species : Algae. Toxicity to other organisms.

Biodegradability	Readily biodegradable, as defined by OECD, substance that degrades > 60- 70% within a 10 day window.
Persistence and degradability	No data available
Bioaccumulative potential	No data available.
Mobility in soil	No data available

13. Disposal considerations

Remarks	No data available.
Waste Disposal	Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transport information

Hazard Pictograms:

UN Number	Not dangerous goods.
Proper shipping name	Not dangerous goods

Transport hazard class(es) 8

ADR/RID -

Subsidiary risk IMDG -

Subsidiary risk IATA -

Packing group

Packing group -

Environmental hazards

Environmental hazards No

Marine pollutant No

ADR/RID

Hazard ID -

Tunnel Category -

IMDG

EmS Code -

IATA

Packing Instruction (Cargo) -

Maximum quantity -

Packing Instruction (Passenger) -

Maximum quantity -

Additional information Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact an Air Products customer service representative.

15. Regulatory information

Regulations	EPA SARA (40 CFR 370) Hazard Classification Acute Health Hazard EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None. US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.
Chemical safety assessment	No data available.
Further information	This product is made with materials defined by the epa as meeting the requirement of a green product.

16. Other information

Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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