Material Safety Data Sheet

Heavy Duty Cleaner Detergent (RXSOL-10-1042-210)

1. Product and Company Identifaction

Product Name	Heavy Duty Cleaner Detergent
Product Code	RXSOL-10-1042-210

Company Details:

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

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2. Composition / informationon ingredients

Name	CAS Number	%	Classification according to Regulation (EC) No 1272/2008 (CLP)
Disodium metasilicate	6834-92-0	1-5	Skin Corr. 1B, H314; STOT SE 3, H335
Alcohol Alkoxylate	166736-08-9	1-5	Acute Tox. 4 (Oral), H302; Eye Dam. 1, H318
Tetrasodium EDTA	64-02-8	1-5	H314; STOT SE 3, H335
Hexyl glucoside	54549-24-5	1-5	Eye Dam. 1, H318
Sodium Carbonate	497-19-8	5-10	H314; STOT SE 3, H335
Potassium Hydroxide	1310-58-3	5-10	H314; STOT SE 3, H335
Benzenesulphonic acid, mono-C10-14-alkyl derivs., sodium salts	85117-50-6	10-15	Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315; Eye Dam. 1, H318

3. Hazards Identification

Ingestion	Harmful, if ingested.
Inhalation	Inhalation does not produce any side effect .
Skin Contact	Non Irritation
Eye Contact	Cause Irritation
Environmental Hazards	None
Human Health Hazards	Moderates

4. First Aid Measures

Ingestion	Induce vomiting & seek medical attention
Inhalation	Remove to fresh air
Eye Contact	Flush with water for at least 15 minutes.

5. Fire-fighting Measures

Extinguishing Media	Non Flammable
Suitable	Use extinguishing media like foam dry Co2 , water-spray.
Not suitable	Not applicable
Special	Not applicable
Protection of fire Fighter	Not applicable

6. Accidental Release Measures

- Bio-Degradable
Prevent from entering sewers, waterways, or low areas.
CLEANING PROCEDURE ::: Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

7. Handling and Storage

Handling	None , Avoid contact with eye
Storage	General Storage , 5 years
Methods of cleaning	Flush Spill Area with Water
NOTE	Keep Container Tightly Closed Avoid breathing vapors. Storage Information Store away from oxidizers. Keep container closed when not in use.

8. Exposure controls and personal protection

Respiratory System Protection	Engineering Controls Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation. Respiratory Protection Organic vapor respirator.

Eye Protection	Eye Protection Chemical goggles; also wear a face shield if splashing hazard exists. Other Precautions Eyewash fountains and safety showers must be easily accessible.

Hand Protection Impervious rubber gloves. Skin Protection Rubber apron.

9. Physical and chemical properties

Properties:-

Appearance	Clear liquid, Pale Yellow
Density	In g/cm3 at 20°C: 1.01-1.05
Compatibility	
Metal	No known effect
Rubber	No known effect
pH	Alkaline (12-13)
Flash point	Not Applicable
Solubility	100% soluble in water

10. Stability and reactivity

Condition to Avoid	Heat, Flame & Other Sources of Ignition
Materials to Avoid	Do not subject to Acidic/Highly Alkaline/Oxidizing Agents.
Hazardous Decomposition Products	Do not occur (Bio-Degradable)

11. Toxicological information

Skin Irritation	No.
Eye Irritat	Moderate
Sensitization	Not Sensitizing

Chronic Toxicity	Not Identified
Carcinogencity	No.

Inhalation May cause respiratory irritation. May cause central nervous system depression including headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.
Skin Contact May cause skin irritation.
Eye Contact May cause eye irritation.
Ingestion May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.
Aggravated Medical Conditions Skin disorders. Chronic Effects/Carcinogenicity No data available to indicate product or components present at greater than 1% are chronic health hazards.
Other Information None known.
Toxicity Tests
Oral Toxicity: Not determined
Dermal Toxicity: Not determined
Inhalation Toxicity: Not determined
Primary Irritation Effect: Not determined
Carcinogenicity Not determined
Genotoxicity: Not determined
Reproductive /
Developmental Toxicity: Not determined

12. Ecological information

1) Comment	Not applicable
2) Ecotoxicity	Not applicable

Mobility (Water/Soil/Air) Not determined
Persistence/Degradability Not determined
Bio-accumulation Not determined
Ecotoxicological Information
Acute Fish Toxicity: Not determined
Acute Crustaceans Toxicity:Not determined
Acute Algae Toxicity: Not determined
Chemical Fate Information Not determined
Other Information Not applicable

13. Disposal considerations

Disposal methods Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction. Dilute with water, neutralise with HCl, discharge to sewer with plenty of water. Confirm disposal procedures with environmental engine and local regulations.**Waste class** Hazardous waste in accordance with EU directives. 06 02.

14. Transport information

ROAD TRANSPORT (ADR)	
ADR class	Not dangerous according to ADR / Not restricted
RAIL TRANSPORT (RID)	
RID class no.	N/A
SEA TRANSPORT (IMDG)	
IMDG class	N/A
AIR TRANSPORT (IATA/ICAO)	
IATA/ICAO class	N/A / ICAO/IATA Not restricted

Other Transportation Information
Labels: None

15. Regulatory information

EC Supply labeling Requirements This product is not subject to the labeling requirements of EC Directives 67/548/EEC and 88/379/EEC as amended.
Classification Not Classified
Risk Phrases None
Safety Phrases None
EINECS Inventory This product, and all its components, complies with EINECS
Germany, Water Endangering Classes (WGK)
WGK 1: Low hazard to waters.

Risk phrases	R-41 Risk of serious damage to eye. R-38 Irritating to skin.
Safety phrases	S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S-2 Keep out of reach of children.

16. Other information

Explanations of R-phrases in Section 2 R-22 Harmful if swallowed. R-34 Causes burns. R-35 Causes severe burns. R-37 Irritating to respiratory system. R-41 Risk of serious damage to eye.
* Information revised since previous SDS version
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