Material Safety Data Sheet

Bilge Clean Seprasol (RXSOL-16-1002-025)

1. Product and Company Identifaction

Product Name	Bilge Clean Seprasol Heavy Duty
Part Number	RXSOL-16-1002-025

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

Stock Point : Fujairah, Muscat, Mumbai, Kandla, Kolkata, Vizag, Mumbai, Chennai, Canada

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbol
White Spirit (de-aromatized)	60-100	64742-48-9	265-150-3 65	66	Xn
PAC Poly Aluminium Chloride	20-30				
Sodium petroleum sulphonate	5-10	68608-26-4	271-781-5	36	Xi
Poly diallyldimethyl ammoniumchloride		26062-79-3			

3. Hazards Identification

Signal Word	Harmful
Hazard Statements	H317 May cause an allergic skin reaction. H318 Causes serious eye damage.
Precautionary statements - prevention	P280 Wear protective gloves/protective clothing/eye protection/face protection. P261 Avoid breathing mist/vapours/spray. P273 Avoid release to the environment. P272 Contaminated work clothing should not be allowed out of the workplace.
Precautionary statements - response	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 CENTER/doctor/physician/first aider. P302+P352 IF ON SKIN: Wash with plenty of water and soap. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage.

4. First Aid Measures

General Note	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
Eye Contact	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Irrigate eyes thoroughly whilst lifting eyelids When in doubt or symptoms persist, seek medical attention
Skin Contact	Remove contaminated clothing immediately and drench affected skin with plenty of water.Contaminated clothing should be laundered before reuse Seek medical attention if irritation persist.

Inhalation:	Remove patient to fresh air .Seek medical attention if ill effects occur
Ingestion:	Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention. If vomiting occurs turn patient on side Obtain immediate medical attention

5. Fire-fighting Measures

Auto-ignition point	225 deg C at 760 mm Hg
Flash Point	66 deg C (CC)
Suitable extinguishing media	Water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
Hazardous combustion products	Carbon dioxide (CO2)
Protective Equipment	Use personal protective equipment.
Advice for firefighters	Prevent run off water from entering drains if possible. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6. Accidental Release Measures

Small Spillage	Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment.
Large Spillage	Minor hazard. Clear area of personnel. Alert Fire Brigade and tell them location and nature of hazard.
Personal Protection	Remove persons to safety. Wear breathing apparatus if exposed to vapours/dust/spray/gases.
Enviromental Precaution	Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.
Methods and materials for containment and cleaning	Covering of drains. Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, diatonic soil, sand, universalbinder).Neutralisation techniques - Use of adsorbent materials.Place in appropriate containers for disposal. Ventilate affected area.

7. Handling and Storage

Handling	Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. DO NOT allow clothing wet with material to stay in contact with skin
Storage	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area.
Advice on general occupational hygiene	Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink.

8. Exposure controls and personal protection

Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	No respiratory protection is required unless subject to contact with substance mist During fumigation/spraying wear suitable respiratory equipment (S42) Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
Exposure Limits:	TLV (TWA) 275 mg/m3 (White spirit (de-aromatized))
Exposure controls	No special ventilation is required unless the product is used in a spray form





Gloves	Suit

9. Physical and chemical properties

Form	Liquid
Colour	Clear
Odour	Characteristic, Hydrocarbon
Specific Gravity (20 °C	0.88 - 0.95
pH	Not Applicable
Boiling Point	195°C
Melting Point	Not Known
Flash Point	Close Cup °C
Vapour pressure	1 mbar
Vapour density	(air = 1) >1
Lower explosive limit	0.6 % (in air)

10. Stability and reactivity

Stability	Product is stable.
Hazardous reactions	No known hazardous reactions.
Conditions to avoid	Keep away from naked flames, incandescent or hot surfaces
Incompatible materials	Not Determine

11. Toxicological information

Toxicological information	No experimental data available
Inhalation	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Contact with eyes	May cause redness and irritation
Ingestion	The ingestion of significant quantities may cause gastro-intestinal disturbances
Aspiration hazard	Shall not be classified as presenting an aspiration hazard.
Carcinogenicity	No evidence of carcinogenic effects

12. Ecological information

Ecotoxicity	This product has been evaluated on its behaviour in the environment by "The TNO Institue of nvironmental Sciences" (The Netherlands organisation for applied Scientific Research). ased upon their report, IMO's BCH Working Group on the Evaluation of Safety and Pollution Hazards pproved this product for use as tank cleaning agent by chemical tankers. Naphtha : LC50 (fish) >100 mg/l (96 hr) EC50 (daphnia) >100 mg/l (72 hr) IC50 (algae) >100 mg/l (72 hr)
Persistence and iodegradability	BOD28/COD > 60% (Naphtha).Sodium petroleum sulphonate: Not readily biodegradable
Bioaccumulative potential	No information available
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly.In its intended use, the product will not be released into the environment.

13. Disposal considerations

Classification	This material and/or its container must be disposed of as hazardous waste.EU Waste class: 07.01

Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point. Disposal should be in accordance with local, state or national legislation

14. Transport information

Not classified as hazardous for transport

15. Regulatory information

Risk Phrases	Harmful: may cause lung damage if swallowed (R65) Repeated exposure may cause skin dryness or cracking (R66)
Safety Phrases	Do not breathe spray/mists (S23) Wear suitable protective clothing, eye/face protection and gloves (S36/37/39) If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)

16. 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 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.