Material Safety Data Sheet

BIOCIDE Fuel Additive (RXSOL-70-7008-025)

1. Product and Company Identifaction

Product Name	:	RXSOL-70-7008-025
Product Type	:	BIOCIDE Fuel Additive

Company Details:

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

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

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
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Email	:	mail@rxmarine.com

2. Composition / informationon ingredients

Proprietory Blend of Biocide Mixture with ALIPHATIC HYDROCARBON, Fatty Amine, Alcohol Ethoxylate

3. Hazards Identification

Environmental Hazards	:	None
Human Health Hazards	:	Moderates

4. First Aid Measures

Effect & Symptoms : -

Ingestion	:	Harmful, if ingested. Remove to fresh air. Obtain medical attention (Without medical advice do not induce vomiting).
Inhalation	:	Remove to fresh air. Treat symptomatically. Obtain medical attention.
Skin Contact	:	Non Irritation . Remove contaminated cloth, wash off with soap and plenty of water.
Eye Contact	:	Cause Irritation. Move eyeball with plenty of clean water for atleast 15 minutes. Obtain medical attention.

5. Fire-fighting Measures

A. Suitable Foam	:	Dry Co2
B. Not suitable	:	Not applicable

C. Special	:	Not applicable
Protection of fire Fighter	:	Not applicable (wear pressurised self contained breathing apparatus)

6. Accidental Release Measures

BIOACCUMULATION POTENTIAL	:	No data available
DEGRADATION	:	Non- Hazardous
Skin Irritation	:	No.
Sensitization	:	Not Sensitizing
Chronic Toxicity	:	Not Identified
Carcinogencity	:	No.

7. Handling and Storage

Respiratory System Protection	:	Approved respirator must be worn when spraying
Eye Protection	:	Chemical splash goggles
Hand Protection	:	PVC gloves

8. Exposure controls and personal protection

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)

9. Physical and chemical properties

Odour	Smells of Hydrocarbon
Appearance	Liquid, dark, brown, insoluble in water
pH	Not applicable
Boiling point	170 °C to 210 °C at 760 mm /Hg

Vapour pressure	Not known
Vapour density	(air = 1)1
Freezing point	Unknown
Insoluble in water	
Specific gravity (water=1)	0.92
Flash point &gt	62 deg C (CC)
Auto-ignition point	250 deg C at 760 mm Hg
Lower Explosive limit	0.5 % (in air)
Upper Explosive limit	7 % (in air)

10. Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from naked flames, incandescent or hot surfaces
- See Section 5

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.Contains Aminoethylpiperazine. May produce an allergic reaction.
Contact with eyes	Causes irritation.
Ingestion	Aspiration hazard , Harmful: may cause lung damage if swallowed (R65).
Carcinogenicity	Limited evidence of carcinogenic effect (R40).

12. Ecological information

Ecotoxicity	May cause acute effects in the aquatic environment.This product contains components which are classified in the EU as dangerous for the environment.
Mobility	Insoluble in water

Persistence and Biodegradability	The components in this product are readily biodegradable.
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumilate.
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	EU Waste class: 07.01.This material and/or its container must be disposed of as hazardous waste
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

Classification and labelling	Contains Aminoethylpiperazine. May produce an allergic reaction.
Risk Phrases	Limited evidence of carcinogenic effect (R40).Harmful: may cause lung damage if swallowed (R65).Repeated exposure may cause skin dryness or cracking (R66).Contains Dimethylpiperazine. May produce an allergic reaction.
Safety Phrases	Wear suitable protective clothing, eye/face protection and gloves (S36/37/39).In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62).

16. Other information

Text of R and S phrase codes used in this safety data sheet:- R21/22: Harmful in contact with skin and if swallowed; R22: Harmful if swallowed; R34: Causes burns; R40: Limited evidence of carcinogenic effect; R43:May cause sensitisation by skin contact; R50: Very toxic to aquatic organisms; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking.The information provided about the product on this Safety Data Sheet has been compiled from knowledge ofthe individual constituents The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

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