Material Safety Data Sheet

Fuel Additive 2020 (RXSOL-25-7006-030)

1. Product and Company Identifaction

Product Name	RXSOL-70-7006-025
Product Type	Valvocare 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

Phone	+91 22 65113333 / 5555 / 9999 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Naphtha (petroleum), Hydrodesulfurized Heavy	30-60	64742-82-1	265-185-4	65, 66	Xn
Fatty Alcohol Polyethoxylated Polymer Exemption	1 -20%	.....	.....	.....	.....
Manganese Octoate	10 -30%	6535-19-9			

*See Section 16

3. Hazards Identification



Irritant

Odour	Smells of hydrocarbon
Appearance	Liquid, light, yellow
Contact with eyes	Causes redness and irritation
Inhalation	In cases of severe exposure, anaesthesia may develop, May cause chronic pneumonitis
Classification of the substance or mixture	Counsil Directive 1999/45/E EC Classification, packing and labelling of dangerous preparations.
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). Avoid contact with skin (S24).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)

4. First Aid Measures

Description of first aid measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Contaminated clothing should be laundered before reuse. Seek medical attention if irritation persists
Contact with eyes	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
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 Give water or milk to drink. Obtain immediate medical attention
Inhalation	Remove patient to fresh air. Seek medical attention if ill effects occur
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5. Fire-fighting Measures

Auto-ignition point 220 deg C
Flash point > 62 deg C (CC)
Decomposition products may include carbon oxides, Decomposition products may include carbon dioxide
In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
Do not use water jets
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

Personal Precautions	Wear protective clothing as per section 8. Shut off all ignition sources. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
Environmental Precautions	Do not allow to enter public sewers and watercourses
Clean Up Actions	Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete
Special Precautions	Do not allow to enter public sewers and watercourses. Wear protective clothing as per section 8

7. Handling and Storage

Precautions for safe handling
- See Section 8
- Eyewash bottles should be available
- Avoid contact with skin and eyes (S24/25)
- Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Conditions for safe storage, including any incompatibilities
- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Keep container tightly closed (S7)
- Keep away from open flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

Control parameters	TLV (TWA) (Naphtha (petroleum), hydrodesulfurized heavy) 275 mg/m3 ( )
Exposure controls	The undiluted product must not be used in a confined space without good ventilation. Ensure adequate ventilation
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended). Wear suitable respiratory protection. Gas cartridge (organic substances). Ensure adequate ventilation
Gloves Suit Goggles	Respirator


Gloves


Suit


Goggles


Respirator

9. Physical and chemical properties

Odour	Smells of hydrocarbon
Appearance	Liquid, light, yellow
pH	not applicable
Boiling point	175 °C to 220 °C at 760 mm /Hg
Melting point	not known
Density	0,85 g/cm3 at 20 deg C
Flash point	> 62 deg C (CC)
Auto-ignition point	220 deg C
Lower explosive limit	0.6 % (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

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	Aspiration hazard. The ingestion of significant quantities may cause damage to lungs

12. Ecological information

Ecotoxicity	This product does not contain ingredients which are classified in the EU as dangerous for the environment. LC50 (fish) 10-100 mg/l (96 hr)
Persistence and degradability	OECD-test. 28 days >60% (Naphta)
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumilate.

13. Disposal considerations

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

14. Transport information

Special precautions for user
- Not classified as hazardous for transport

15. Regulatory information

Classification and labelling Counsil Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.. This Safety Data Sheet is provided in compliance with TheDangerous Substances Directive (67/548/EEC) Safety, health and environmentalregulations/legislation specific for the substance or mixture. This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.

16. Other information

Text of R and S phrase codes used in this safety data sheet:- 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 of the 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

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.