Material Safety Data Sheet

BURNAID Rx Combustion Improver (RXSOL-70-7007-210)

1. Product and Company Identifaction

Product Name	RXSOL-70-7007-0210
Product Type	BURNAID Rx - III

Company Details:

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

Stock Point ::: Mumbai, Kandla, Kolkata, Chennai, Visakhapatnam, Fujairah

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Mixtures

Chemica Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Naphtha (petroleum), hydrodesulfurized heavy	60-80%	64742-82-1	265-185-4	65, 66	Xn
Proprietory Catalyst	20-40%	---------	--------	------	Xn

*See Section 16

3. Hazards Identification



Harmful

Classification of the substance or mixture	Counsil Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
Label elements:	
Harmful	
Contains	Naphtha (petroleum), hydrodesulfurized heavy
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) Do not breathe vapour/fumes (S23) Do not breathe fumes (S23) Avoid contact with skin (S24) If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62) Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
Other hazards	
Odour	Characteristic odour, Smells of hydrocarbon
Appearance	Liquid, white, immiscible with water
Contact with eyes	Causes redness and irritation
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Inhalation	In cases of severe exposure, dizziness, confusion, headache or stupor may develop

4. First Aid Measures

Description of first aid measures:

IF ON SKIN (or hair)	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.Contaminated clothing should be laundered before reuse. When in doubt or symptoms persist, seek medical attention.
IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate eyes thoroughly whilst lifting eyelids. When in doubt or symptoms persist, seek medical attention
IF SWALLOWED	rinse mouth. Do NOT induce vomiting. Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention. Give plenty of water to drink. Obtain immediate medical attention
IF INHALED	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. When in doubt or symptoms persist, seek medical attention.
Inhalation	Remove patient to fresh air. Keep warm and at rest, in a half up right position. Loosen clothing.Seek medical attention if irritation persists
Most important symptoms and effects, both acute and delayed:	In cases of severe exposure, nausea/vomiting may develop. In cases of severe exposure, headache may develop. In cases of severe exposure, dizziness may develop. Possible redness and irritation of affected areas. The ingestion of significant quantities may cause damage to lungs

Indication of immediate medical attention and special treatment needed

5. Fire-fighting Measures

Extinguishing media
In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43).Do not use water jets
Special hazards arising from the substance or mixture
Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
Advice for firefighters
Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. Prevent run off water from entering drains if possible. Wear Breathing Apparatus

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	Do not allow to enter public sewers and watercourses. Do not flush spilt material into any public water system
Methods and material for containment and cleaning up	Absorb spillage in inert material and shovel up. Ventilate the area and wash spill site after material pick-up is complete
Reference to other sections	None

7. Handling and Storage

Handling	Do not get in eyes, on skin, or on clothing.Do not breathe vapours excessively. Eyewash bottles should be available. Keep away from heat and sources of ignition - See Section 8.
Storage	Keep away from open flames, hot surfaces and sources of ignition. Store in a well-ventilated place. Keep container tightly closed. Keep cool.Keep only in original container.

Specific end use(s)

8. Exposure controls and personal protection

Control parameters	Naphtha (petroleum),hydrodesulfurized heavy TLV (TWA) 275 mg/m3 (Naphtha (petroleum) hydrodesulfurized heavy)
Exposure controls	The undiluted product must not be used in a confined space without good ventilation. No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	No respiratory protection is required unless subject to contact with substance mist. Where an air-purifying respirator is suitable, use EN141 or EN405, type A. Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
Gloves Suit Goggles	No Smoking


Gloves


Suit


Goggles


No_Smoking

9. Physical and chemical properties

Information on basic physical and chemical properties:

Odour	Smells of hydrocarbon
Appearance	Liquid, white, immiscible with water
pH	not applicable
Boiling point	176 °C to 217 °C at 760 mm /Hg
Vapour pressure	0,05 kPa @ 25 °C
Freezing point	-20 °C
Melting point	not known
Density	0,81 g/cm3 at 15 deg C
Flash point	>62 deg C (CC)
Auto-ignition point	>200 deg C at 760 mm Hg
Lower explosive limit	0.6 % (in air)
Upper explosive limit	7 % (in air)
Viscosity	1,54 cST @ 25 deg C
Other information	None

10. Stability and reactivity

Reactivity	This article is considered stable under normal conditions
Chemical stability	This article is considered stable under normal conditions
Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose
Conditions to avoid	Avoid overheating. Keep away from naked flames, incandescent or hot surfaces
Incompatible materials	None
Hazardous Decomposition Products	No hazardous decomposition products known

11. Toxicological information

Information on toxicological effects

Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract. 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. Causes redness and irritation
Contact with eyes	Causes redness and irritation
Ingestion	The ingestion of significant quantities may cause damage to lungs
Carcinogenicity	No evidence of carcinogenic effects

12. Ecological information

Toxicity	LC50 96 hours fish 10-100 mg/l (Naphtha)
Persistence and degradability	BOD 28 >60%
Bioaccumulation Potential	Hydrocarbon solvents have the potential to bioaccumilate.
Mobility in soil	Insoluble in water
Results of PBT and vPvB assessment	Not a PBT according to REACH Annex XIII
Other Adverse Effects	No information available

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

14. Transport information

UN Number
UN Proper Shipping Name
Transport hazard class(es)
Packing group

Environmental hazards
- Presents little or no hazard to the environment
Special precautions for user
- Not classified as hazardous for transport
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code - Not applicable
Other information

15. Regulatory information

Safety, health and environmental regulations/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. Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
Chemical Safety Assessment None

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 theindividual 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.