Material Safety Data Sheet

Fuel M15 RXSOL (RXSOL-70-7000-210)

1. Product and Company Identifaction

Porduct Name	Fuel M15 RXSOL
Part Number	RXSOL-95-3201-025

Company Details:

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

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Website	www.rxmraine.com

2. Composition / informationon ingredients

Product name	Concentration Percent
Methanol	15
Gasoline	> 85

3. Hazards Identification

Hazard Statements	Ingestion, inhalation, skin and eyes
Acute Effects	Inhalation can cause dizziness, headache and nausea, depresses central nervous system and has an anesthetic effect. Breathing of liquid droplets may lead to chemical pneumonia. Ingestion can lead to nausea, diarrhea and affect central nervous system. Skin irritant. Prolonged contact can result in skin drying and dermatitis. Eye irritan
Carcinogenicity	Benzene component is listed as carcinogenic

4. First Aid Measures

Eye Contact	Flush with water for 15 min. Get medical attention.
Skin Contact	Wash with warm water & soap.
Inhalation	Remove to fresh air. Consult a physician if irritation persists
Ingestion	Do not induce vomiting. Do not give liquids. Get medical help at once

5. Fire-fighting Measures

Flammability	Flammable
Suitable extinguishing media	Foam, Dry Chemical Powder, CO2
Unsuitable extinguishing media	Heat produces vapours and can cause violent rupture of containers Vapours may travel long distance and can flash back.
Special hazards arising from the substance or mixture	No data available
Further information	No data available
Hazardous combustion products	Carbon di oxide, carbon mono oxide, benzene

Advice for firefighters	Small fires can be extinguished by hand held extinguishers. Major fires may require withdrawal and allowing the tank to burn. Fire fighters should wear self breathing apparatus while fighting fire
Protective Equipment	No data available
Specific Hazards Arising from the Chemical	No data available

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	No data available
Spillage	Shut off leaks without risk. Absorb on sand or earth.
Personal Protection	No data available
Contaminanat	Prevent spillage from entering drains or water sources
Cleaning up	After spills wash area with soap and water preventing runoff from entering drains

7. Handling and Storage

Handling	Do not use/store near heat/open flame. Avoid contact with liquid or vapours. Use gumboots, gloves while handling the product. Do not inhale. Stay upwind while handling the product. Product should never be used to remove oil or grease from skin. It should not be siphoned by mouth. Tanks and dispensing equipments should be grounded to reduce static charge fires. It should be stored in closed containers away from heat & source of ignition. Avoid contact with skin and eyes. Wash thoroughly after handling
Storage conditions	Do not use/store near heat/open flame/water/acids

8. Exposure controls and personal protection

Exposure controls	No data available
Engineering Control	Provide proper ventilation for environment to be below TWA
Protective equipment	Use face shield, PVC gloves, safety boots while handling Contaminated clothing to be immediately removed
Body Protection	Protective Clothing
Respiratory protection	Use respiratory protection if ventilation is improper
Other Protection Measure	No data available

9. Physical and chemical properties

Physical state	Liquid
Colour	Water white liquid, Also can be dyed Orange or Red
Odour	Characteristic hydrocarbon like odour
Odor Threshold	No data available
pH	1.5 - 2.5 at 100 g/l at 20 °C
Melting Point	No data available
Boiling Point	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Explosive limits	No data Available
Upper/lower flammability or explosive Limits	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Vapour Pressure	5.0 to 8.7 psi at 38 °C (RVP)
Viscosity	No data available
Density	No data available

Vapour Density	3 to 4 (Air = 1)
Specific Gravity	0.71 to 0.77 gm / cc
Partition coefficient	No data available
Explosive properties	No data available
Solubility	Insoluble
Ignition temperature	No data available
Particle characteristics	No data available

10. Stability and reactivity

Reactivity	No data available
Chemical stability	Chemically stable.
Possibilityof hazardous reactions	No data available
Conditions to avoid	Can undergo auto-oxidation in air & generate heat which can build up in a confined space to cause spontaneous combustion
Incompatible materials	Incompatible with oxidizing agents & chlorine. Reacts vigorously with oxidising materials.
Hazardous decomposition products	Carbon di oxide, carbon mono oxide

11. Toxicological information

ACIGH TLV TWA		Gasoline – 300 ppm , Benzene – 0.5 ppm, MTBE – 50 ppm
Toxicity		LD50 (Oral-Rat) 18.75 ml / kg
Respiratory or skin sensitization		No data available
Carcinogenicity		Benzene component is carcinogenic.
Germ cell mutagenicity		Equivocal evidence.Histidine reversion (Ames)
Reproductive toxicity		No data available
Specific target organ toxicity - single	exposure	No data available
Additional Information		No data available

12. Ecological information

Information Ecological	Prevent spillage from entering drains or water sources. After spills wash area with soap and water preventing runoff from entering drains. Can burn with lot of heat producing CO2 and CO.
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Products Biodegradation	No data available
Mobility in soil	No data availalble
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher
Other adverse effects	No data available

13. Disposal considerations

Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations

Contaminated packaging	No data available
Waste treatment Method	No data available

14. Transport information

UN number	ADR/RID: -	IMDG:-	IATA:-
UN proper shipping name	ADR/RID:Motor Spirit, Gasoline	IMDG:Motor Spirit, Gasoline	IATA:Motor Spirit,
Transport hazard class(es)	ADR/RID:-	IMDG:-	IATA:-
Packaging group	ADR/RID:-	IMDG: -	IATA:-
Environmental hazards	ADR/RID:NO	lMDG Marine pollutant:No	IATA:No
Special precautions for user	No data available		
Further information	No data available		

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulation	Non - Toxic/Flammable Substance

16. Other information

Other Information

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