Material Safety Data Sheet

Electrosol E (RXSOL-16-1090-025)

1. Product and Company Identifaction

Product Name	RXSOL-16-1090-025
Product Type	Electrosol E

Company Details:

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

Stock Point : Mumbai. Gandhidham, Kolkata, Chennai, Visakhapatnam, Fujairah, Muscat

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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Naphtha(petroleum), hydrotreated heavy	60-100	64742-48-9	265-150-3	65, 66	Xn

*See Section 16

3. Hazards Identification

Odour	Smells of hydrocarbon.
Appearance	Liquid, colourless, insoluble in water.
Contactwith eyes	Causes irritation.
Contact with skin	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Inhalation	Vapours may cause drowsiness and dizziness (R67), In cases of severe exposure, anaesthesia may develop, In cases of severe exposure, chronic pneumonitis may develop
Ingestion	The ingestion of significant quantities may cause nausea/vomiting, Harmful: may cause lung damage if swallowed (R65)
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45).



4. First Aid Measures

Contact with skin	Remove contaminated clothing Wash affected area with plenty of 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 Seek medical attention if irritation persists
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 Keep warm and at rest, in a half upright position. Loosen clothing 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 >200 deg C at 760 mm Hg.
- Lower flammability limit 0.6%(in air), Upper flammability limit 7%(in air), Flash point 63 deg C (CC).
- Decomposition products may include carbon oxides.
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43).
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback.
- Keep container(s) exposed to fire cool, by spraying with water.

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	Do not allow to enter public sewers and watercourses.
Immediate Actions	Use appropriate containment to avoid environmental contamination (S57).
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	Wear protective clothing as per section 8 Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback Wear suitable respiratory protection.

7. Handling and Storage

Handling	Wear protective clothing as per section 8 During fumigation/spraying wear suitable respiratory equipment (S42) Avoid contact with skin and eyes (S24/25) Eyewash bottles should be available Keep away from sources of ignition - No Smoking (S16)

Storage	Keep container tightly closed, in a cool, well ventilated place (S3/7/9) Keep away from open flames, hot surfaces and sources of ignition.

8. Exposure controls and personal protection

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 The undiluted product must not be used in a confined space without good ventilation.
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended) Respiratory protection may be required under exceptional circumstances when excessive air contamination exists Wear approved respirator if exposure likely to exceed MEL/OES.





9. Physical and chemical properties

Odour	Smells of hydrocarbon
Appearance	Liquid, colourless, insoluble in water
pH	not applicable
Boiling point	190 °C to 203 °C at 760 mm /Hg
Vapour pressure	40 Pa at 20 deg C
Vapour density	(air = 1) 5.4
Freezing point	unknown
Insoluble in water	
Specific gravity (water=1)	0.79
Lower flammability limit	0.6%(in air)
Upper flammability limit	7%(in air)
Flash point	63 deg C (CC)

Auto-ignition point &gt	200 deg C at 760 mm Hg
Log Pow	3.5 - 4.7
Viscosity	1.59 cST @ 25 deg C

10. Stability and reactivity

- This article is considered stable under normal conditions.
- Avoid overheating, Keep away from naked flames, incandescent or hot surfaces.

11. Toxicological information

Toxicological information	LD50 (oral,rat) >2000 mg/kg.LD50 (dermal) : >2000 mg/kg. LC50 (inhalation) : >5 mg/l/4h.
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	In cases of severe exposure, irritation may develop.
Ingestion	May cause gastro-intestinal disturbances Aspiration hazard.Harmful: may cause lung. damage if swallowed (R65)
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	Low toxicity to fish.LC50 (rainbow trout) >1000 mg/l (96 hr).IC50 (algae) >100 mg/l (72 hr).
Mobility	Insoluble in water.
Persistence and Biodegradability	Biodegradability 67 % (OECD 301F).
Bioaccumulation Potential	Low bioaccumulation potential.
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.
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 vapour/fumes(S23) Avoid contact with skin (S24) Wear suitable gloves and eye/face protection (S37/39) 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:- R65: Harmful: may cause lung damage ifswallowed; 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. This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive.