

1. Product and Company Identification

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Product Name **RXSOL-16-1009-025**

Product Type **ELECTROSOL QUICK DRY**

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Chemical Name

Concentration

CAS Number

EC Number

R Phrases*

Symbols

Rock Oil

60-100%

64742-48-9

265-150-3

65, 66

Xn

1,1,1 Trichloroethane

20-40%

71-55-6

1,4 Dioxane 40-60% 123-91-1

Proprietary Inhibitor 5-10%

3. Hazards Identification

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Odour

Smells of hydrocarbon.

Appearance

Liquid, colourless, insoluble in water.

Contact with 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

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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

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- 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

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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

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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

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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



Respirator

Gloves

Goggles

Suit

9. Physical and chemical properties

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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 >

200 deg C at 760 mm Hg

Log Pow

3.5 - 4.7

Viscosity

1.59 cST @ 25 deg C

10. Stability and reactivity

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

11. Toxicological information

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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

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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

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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

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- Not classified as hazardous for transport

15. Regulatory information

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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

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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.

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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

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