

# Electrosol plus low evaporation rate (RXSOL-30-1077-006)

MATERIAL SAFETY DATA SHEET • SALALAH CHEMICAL, OMAN

## 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

|              |                     |
|--------------|---------------------|
| Product Name | RXSOL-16-1009-L     |
| Product Type | Electrosol Plus Ltr |

### Company Details:

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

|       |                                                          |
|-------|----------------------------------------------------------|
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## 2. Composition / Information on ingredients

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

\*See Section 16

## 3. Hazards Identification

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|                   |                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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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 minutesIrrigate 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/m <sup>3</sup> (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 We are approved respirator if exposure likely to exceed MEL/OES. |

## 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 &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

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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.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 Shet is provided in compliance with The Safety Data Sheets Directive

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