

# Penetrosol Penetrating Oil

Part No. RXSOL-16-1020-025 — Generated 29 Sep 2026

## 1. Product and Company Identification

Product Name           **RXSOL-16-1020-025**  
Product Type           **Penetrosol**

**Company Details:**

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## 2. Composition / informationon ingredients

| Chemical Name                              | Concentration | CAS Number | EC Number | R Phrases*   | Symbols |
|--------------------------------------------|---------------|------------|-----------|--------------|---------|
| Naphtha (petroleum), hydrosulfurized heavy | 60-100        | 64742-82-1 | 265-185-4 | 65, 66       | Xn      |
| Hydrotreated heavy naphthenic distillate   | 10-30         | 64742-52-5 | 265-155-0 |              |         |
| Methyl salicylate                          | 1-5           | 119-36-8   | 204-317-7 | 22, 36/37/38 | Xn      |
| 2-(2-Butoksyethoxy)ethanol                 | 1-5           | 112-34-5   | 203-961-6 | R36          | Xi      |

\*See Section 16

## 3. Hazards Identification

Odour: Characteristic odour, Smells of hydrocarbon  
- Appearance: Liquid, colourless to yellow, 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: May cause dizziness, confusion, headache or stupor  
- Ingestion: The ingestion of significant quantities may cause damage to lungs

## 4. First Aid Measures

Contact with skin                   Wash affected area with plenty of water  
  
                                                  Contaminated clothing should be laundered before reuse

|                   |                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact with eyes | <p>If substance has got into eyes, immediately wash out with plenty of water for several minutes</p> <p>When in doubt or symptoms persist, seek medical attention</p> |
| Ingestion         |                                                                                                                                                                       |
| -                 | Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention                                    |
| -                 | Give 200-300mls (half pint) water to drink                                                                                                                            |
| -                 | Obtain immediate medical attention                                                                                                                                    |
| Inhalation        |                                                                                                                                                                       |
|                   | Remove patient to fresh air                                                                                                                                           |
|                   | When in doubt or symptoms persist, seek medical attention                                                                                                             |
| 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 230 deg C at 760 mm Hg
- Flash point >63 deg C (CC)
- Decomposition products may include carbon oxides

## 6. Accidental Release Measures

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Personal Precautions      | Wear protective clothing as per section 8                                           |
| Environmental Precautions | Do not allow to enter public sewers and watercourses                                |
| Clean Up Actions          | <p>Soak up with inert absorbent</p> <p>Wash spill site with water and detergent</p> |

## 7. Handling and Storage

|          |                                                                   |
|----------|-------------------------------------------------------------------|
| Handling | The usual precautions for handling chemicals should be observed   |
| Storage  | Keep away from open flames, hot surfaces and sources of ignition. |

## 8. Exposure controls and personal protection

|                                            |                                                              |
|--------------------------------------------|--------------------------------------------------------------|
| Exposure Limits                            |                                                              |
| Naphtha (petroleum), hydrosulfurized heavy | TLV (TWA) 275 mg/m3 (Naphtha, low boiling, hydrogen treated) |
| Exposure controls                          |                                                              |

No special precautions are required for this product

#### Occupational exposure controls

Respiratory protection may be required under exceptional circumstances when excessive air contamination exists

Wear plastic or rubber gloves

## 9. Physical and chemical properties

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Odour:                | Characteristic odour, Smells of hydrocarbon      |
| Appearance            | Liquid, colourless to yellow, insoluble in water |
| pH -                  | not applicable                                   |
| Boiling point         | 180 °C to 270 °C at 760 mm /Hg                   |
| Vapour density        | (air = 1) >1                                     |
| Insoluble in water    |                                                  |
| Specific gravity      | (water=1) 0.81                                   |
| Flash point           | >63 deg C (CC)                                   |
| Auto-ignition point   | 230 deg C at 760 mm Hg                           |
| Upper explosive limit | 8 % (in air)                                     |
| Lower explosive limit | 0.6 % (in air)                                   |

## 10. Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from naked flames, incandescent or hot surfaces
- See Section 5

## 11. Toxicological information

#### Toxicological information

- No experimental data available  
Inhalation

#### 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

Causes irritation

#### Ingestion

Not regarded as a potential route of exposure.

Aspiration hazard

The ingestion of significant quantities may cause damage to lungs

Carcinogenicity

No evidence of carcinogenic effects

## 12. Ecological information

Ecotoxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

Mobility

Persistence and  
Biodegradability

- Most components in this product are not readily biodegradable.

Bioaccumulation  
Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

Other 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

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
- Avoid contact with skin (S2)
- Do not breathe gas (S23)
- Do not breathe vapour/fumes (S23)
- Do not breathe spray/mists (S23)

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R36: Irritating to eyes; R36/37/38: Irritating to eyes, respiratory system and skin; 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 (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

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