Material Safety Data Sheet

Penetrosol Penetrating Oil (RXSOL-16-1020-020)

1. Product and Company Identifaction

Product Name	**RXSOL-16-1020-020**
Product Type	**Penetrosol**

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	+91 22 2781 1318
Email	mail@rxmarine.com
Website	www.rxmarine.com

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 destillate	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	If substance has got into eyes, immediately wash out with plenty of water for several minutes
	When in doubt or symptoms persist, seek medical attention
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

Soak up with inert absorbent

Wash spill site with water and detergent

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 bioaccumilate.

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)