1. Product and Company Identifaction

www.rxmarine.com

Product Name	RXSOL-19-1197
Product Type	Glycerine

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	**www.rxmarine.com**

2. Composition / Information on ingredients

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Chemical Name	CAS Number	EC Number
Glycerol	56-81-5	200-289-5

3. Hazards Identification

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Hazard description: Not applicable.
Information concerning particular hazards for human and environment: Not applicable.

4. First Aid Measures

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General information	No special measures required.
After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	Generally the product does not irritate the skin.
After eye contact	Rinse opened eye for several minutes under running water.
After swallowing	If symptoms persist consult doctor.

5. Fire-fighting Measures

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Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
Protective equipment: No special measures required.

6. Accidental Release Measures

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Person-related safety precautions: Not required.
Measures for environmental protection: Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting: Dilute with plenty of water.
Additional information: No dangerous substances are released.

7. Handling and Storage

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Handling:

Information for safe handling:
Handling:
Information for safe handling: No special requirement
Information about fire - and explosion protection: No special measures required.
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
Information about fire - and explosion protection: No special measures required.
Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.

8. Exposure controls and personal protection

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Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

56-81-5 glycerine

PEL (USA)	15* 5** mg/m^3 *total dust **respirable fraction
TLV (USA)	10* ppm
WEL (Great Britain)	*Mist 10 mg/m^3

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection: Not required.
Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection: Tightly sealed goggles

9. Physical and chemical properties

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General Information	
Form	Viscous
Colour	Colourless
Odour	Pleasant
Change in condition	
Melting point/Melting range	18.2°C
Boiling point/Boiling range	290°C
Flash point	160°C
Ignition temperature	400°C
Danger of explosion	Product does not present an explosion hazard.
Explosion limits:	
Lower	0.9 Vol %
Vapour pressure at 20°C	