Material Safety Data Sheet

Solvent Naphtha 100 (RXSOL-19-1576-210)

1. Product and Company Identifaction

Product Name	RXSOL-19-1576-210
Product Type	Solvent Naphtha 100

Company Details:

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

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2. Composition / informationon ingredients

Chemical Name	CAS Number	EC Number	Index number
Solvent naphtha (petroleum), light arom.	64742-95-6	265-199-0	649-356-00-4

3. Hazards Identification

Hazard description:
Information concerning particular hazards for human and environment:
R 45 May cause cancer.
R 46 May cause heritable genetic damage.
R 65 Harmful: may cause lung damage if swallowed.

4. First Aid Measures

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

Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment: No special measures required.

6. Accidental Release Measures

Person-related safety precautions: Not required.
Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.
Measures for cleaning/collecting: Dilute with plenty of water. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

7. Handling and Storage

Handling:
Information for safe handling: Open and handle receptacle with care.
Information about fire - and explosion protection: Keep respiratory protective device available.
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

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

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The lists valid during the making were used as basis.
Personal protective equipment:
General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Store protective clothing separately.
Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
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

General Information	
Form	Fluid
Colour	Clear
Odour	Specific type
Change in condition	
Melting point/Melting range	-50°C
Boiling point/Boiling range	162/182°C
Flash point	45°C
Ignition temperature	450°C

Danger of explosion	Product does not present an explosion hazard.

Explosion limits:

Lower	0.7 Vol %
Upper	7.5 Vol %
Vapour pressure at 20°C	5 hPa
Density at 20°C	0.87 g/cm³
Solubility in / Miscibility with water at 20°C	0.05 g/l

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions No dangerous reactions known.
Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification:

Oral	LD50	>6800 mg/kg (rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

Primary irritant effect:

on the skin	No irritant effect.
on the eye	No irritating effect.
Sensitization	No sensitizing effects known.

12. Ecological information

General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

13. Disposal considerations

Product:
Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

14. Transport information

Land transport ADR/RID (cross-border)

ADR/RID class	3 Flammable liquids.
Danger code (Kemler)	30
UN-Number	1268
Packaging group	III
Hazard label	3
Description of goods	1268 PETROLEUM DISTILLATES, N.O.S.

Maritime transport IMDG

IMDG Class	3
UN Number	1268
Label	3

Packaging group	III
EMS Number	F-E,S-E
Marine pollutant	No
Proper shipping name	PETROLEUM DISTILLATES, N.O.S.

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class	3
UN/ID Number	1268
Label	3
Packaging group	III
Proper shipping name	PETROLEUM DISTILLATES, N.O.S.

15. Regulatory information

Labelling according to EU guidelines:
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
Risk phrases:
45 May cause cancer.
46 May cause heritable genetic damage.
65 Harmful: may cause lung damage if swallowed.
Safety phrases:
53 Avoid exposure - obtain special instructions before use.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

This information is based on our present knowledge.However, this shall not constitute a guarantee for anys pecific product features and shall not establish a legally valid contractual relationship.

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