

1. Product and Company Identification

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Product Name RXSOL-19-1489
Product Type Xylene

Company Details:

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2. Composition / Information on ingredients

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Chemical Name	CAS Number	EC Number	Index number
m-xylene	108-38-3	203-576-3	601-022-00-9

3. Hazards Identification

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Hazard description:

Information concerning particular hazards for human and environment:

R 10 Flammable.

R 20/21 Harmful by inhalation and in contact with skin.

R 38 Irritating to skin.

4. First Aid Measures

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General information	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after t
After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms p unconsciousness place patient stably in side position for transportation.
After skin contact	Immediately wash with water and soap and rinse thoroughly.
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:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Protective equipment: Mouth respiratory protective device.

6. Accidental Release Measures

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Person-related safety precautions:Wear protective equipment. Keep unprotected persons away.

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

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Handling:

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

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: Keep container tightly sealed.

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:

108-38-3 m-xylene

PEL (USA)

435 mg/m³, 100 ppm

Short-term value: 655 mg/m³, 150 ppm

Long-term value: 435 mg/m³, 100 ppm

Short-term value: 651 mg/m³, 150 ppm

Long-term value: 434 mg/m³, 100 ppm

BEI

Short-term value: 442 mg/m³, 100 ppm

Long-term value: 221 mg/m³, 50 ppm

Skin

TLV (USA)

WEL (Great Britain)

Short-term value: 441 mg/m³, 100 ppm

Long-term value: 220 mg/m³, 50 ppm

Sk; BMGV

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. Avoid contact with the skin. Avoid contact with the eyes and skin.

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

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General Information

Form	Fluid
Colour	Colourless
Odour	Characteristic
Change in condition	
Melting point/Melting range	-47.9°C
Boiling point/Boiling range	139°C
Flash point	25°C
Ignition temperature	465°C
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower	1.7 Vol %
Upper	7.6 Vol %
Vapour pressure at 20°C	8 hPa
Density at 20°C	0.85985 g/cm ³
Solubility in / Miscibility with water at 20°C	0.2 g/l

Viscosity:

Dynamic at 22°C	0.62 mPas
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10. Stability and reactivitywww.rxmarine.com

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 informationwww.rxmarine.com

Acute toxicity:

LD/LC50 values relevant for classification:

Oral	LD50	5000 mg/kg (rat)
Dermal	LC50/4 h	14100 mg/kg (rabbit)
Primary irritant effect:		
on the skin	Irritant to skin and mucous membranes.	
on the eye	No irritating effect.	
Sensitization	No sensitizing effects known.	

12. Ecological informationwww.rxmarine.com

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 considerationswww.rxmarine.com**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 informationwww.rxmarine.com**Land transport ADR/RID (cross-border)**

ADR/RID class	3 Flammable liquids.
Danger code (Kemler)	30
UN-Number	1307
Packaging group	III
Hazard label	3
Description of goods	1307 XYLENES

Maritime transport IMDG

IMDG Class	3
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UN Number	1307
Label	3
Packaging group	III
EMS Number	F-A,S-D
Marine pollutant	No
Proper shipping name	XYLENES

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class	3
UN/ID Number	1307
Label	3
Packaging group	III
Proper shipping name	XYLENES

15. Regulatory information

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Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Risk phrases:

10 Flammable.

20/21 Harmful by inhalation and in contact with skin.

38 Irritating to skin.

Safety phrases:

2 Keep out of the reach of children.

25 Avoid contact with eyes

16. Other information

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

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