Material Safety Data Sheet

Benzyl Alcohol (RXSOL-19-1238-025)

1. Product and Company Identifaction

Product Name	RXSOL-19-1238
Product Type	Benzyl Alcohol

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemical Name	CAS Number	EC Number	Index number
Benzyl alcohol	100-51-6	202-859-9	603-057-00-5

3. Hazards Identification

Hazard description:
Information concerning particular hazards for human and environment:
R 20/22 Harmful by inhalation and if swallowed.
R 43 May cause sensitisation by skin contact.

4. First Aid Measures

General information	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
After inhalation	Supply fresh air and to be sure call for a doctor.In case of 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. Then consult a doctor.
After swallowing	Call for a doctor immediately.

5. Fire-fighting Measures

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
Protective equipment: Mouth respiratory protective device.

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: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation

7. Handling and Storage

Handling:
Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
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: Keep container tightly sealed.

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:

100-51-6 Benzyl alcohol

WEL (USA)	44 mg/m³, 10 ppm

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.
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: Protective gloves 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: Goggles recommended during refilling

9. Physical and chemical properties

General Information	
Form	Fluid
Colour	Colourless
Odour	Aromatic
Change in condition	
Melting point/Melting range	15.4°C
Boiling point/Boiling range	205.4°C
Flash point	101°C

Ignition temperature	435°C
Danger of explosion	Product does not present an explosion hazard.

Explosion limits:

Lower	1.3 Vol %
Upper	13 Vol %
Vapour pressure at 20°C	0.13 hPa
Density at 20°C	1.04 g/cm³
Solubility in / Miscibility with water at 20°C	39 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	1230 mg/kg (rat)
Dermal	LC50	2000 mg/kg (rabbit)

Primary irritant effect:

on the skin	No irritant effect.
on the eye	No irritating effect.
Sensitization	Sensitization possible through skin contact.

12. Ecological information

General notes: Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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: -
Maritime transport IMDG:
IMDG Class: -
Marine pollutant: No
Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: -

15. Regulatory information

Labelling according to EU guidelines:
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

20/22 Harmful by inhalation and if swallowed.
43 May cause sensitisation by skin contact.
Safety phrases:
2 Keep out of the reach of children.
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37 Wear suitable gloves.

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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