Material Safety Data Sheet

Methoxy Propanol (RXSOL-19-1562-210)

1. Product and Company Identifaction

Product Name	RXSOL-19-1562-210
Product Type	Methoxy Propanol

Company Details:

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

Stock Point : Mumbai, Kolkata, Chennai, Visakhapatnam, Gujrat, Fujairah, Muscat, Nairobi

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 / informationon ingredients

Chemical Name	CAS Number	EC Number	Index number
1-methoxy-2-propanol	107-98-2 1	203-539-1	603-064-00-3

3. Hazards Identification

Hazard description: Not applicable.
Information concerning particular hazards for human and environment:
R 10 Flammable.

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: Wear protective equipment. Keep unprotected persons away.
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.

7. Handling and Storage

Handling:
Information for safe handling: No label required. Avoid contact with skin and eyes
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

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

Ingredients with limit values that require monitoring at the workplace:

107-98-2 1-methoxy-2-propanol

REL (USA)	Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm
TLV (USA)	Short-term value: 553 mg/m³, 150 ppm Long-term value: 369 mg/m³, 100 ppm
IOELV (EU)	Short-term value: 568 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Skin
WEL (Great Britain)	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm Sk

Additional information: The lists valid during the making were used as basis.
Personal protective equipment:
General protective and hygienic measures: Wash hands before breaks and at the end of work.
Respiratory protection: Not required.
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: Tightly sealed goggles

9. Physical and chemical properties

General Information

Form	Fluid
Colour	Colourless
Odour	Alcohol-like
Change in condition	

Melting point/Melting range	-96.7°C
Boiling point/Boiling range	120.3°C
Flash point	35°C
Ignition temperature	270°C
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower	2.3 Vol %
Upper	~ 20 Vol %
Vapour pressure at 20°C	12 hPa
Density at 20°C	0.962 g/cm³
Solubility in / Miscibility with water at 20°C	Fully miscible.
pH-value (200 g/l) at 20°C	4-7
Viscosity:	
Dynamic at 22°C	1.9 mPas

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	5660 mg/kg (rat)
Dermal	LC50	13000 mg/kg (rabbit)
Inhalative	LC50/4 h	6 mg/l (rat)

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 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.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

Land transport ADR/RID (cross-border)		
	Danger code (Kemler)	30
	UN-Numbe	3092
	Packaging group	III
	Hazard label	3
	Description of goods	3092 1-METHOXY-2-PROPANOL
Maritime transport IMDG:		
	IMDG Class	3
	UN Number	3092
	Label	3
	Packaging group	III
	EMS Number	F-E,S-D
	Marine pollutant	No
	Proper shipping name	1-METHOXY-2-PROPANOL
Air transport ICAO-TI and IATA-DGR:		
	ICAO/IATA Class	3
	UN/ID Number	3092
	Label	3
	Packaging group	III
	Proper shipping name	1-METHOXY-2-PROPANOL

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:
10 Flammable.
Safety phrases:
2 Keep out of the reach of children.
24 Avoid contact with skin.

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.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.