

Product Name	RXSOL-19-1559-210
Product Type	Butyl Di Glycol

Company Details:

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

Stock Point : Mumbai, Kandla, Chennai, Kolkata, Visakhapatanm, Fujairah, Muscat

Phone +91 22 27815540 / 41 / 42 Fax +91 22 2781 1318 :::AOH :0091 9821214367 Email
mail@rxmarine.com Website www.rxmarine.com

Chemical Name

CAS Number

EC Number

Index number

2-(2-butoxyethoxy)ethanol

112-34-5

203-961-6

Hazard description:

Information concerning particular hazards for human and environment:

R 36 Irritating to eyes.

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. If symptoms persist, consult a doctor.

After swallowing

If symptoms persist consult doctor.

Suitable extinguishing agents:

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

Protective equipment: No special measures required.

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.

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: Keep container tightly sealed.

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

Ingredients with limit values that require monitoring at the workplace:		112-34-5 2-(2-butoxyethoxy) ethanol	IOELV
(EU)			
WEL (Great Britain)	Short-term value: 101.2 mg/m ³ , 15 ppm		
	Long-term value: 67.5 mg/m ³ , 10 ppm		
	Short-term value: 101.2 mg/m ³ , 15 ppm		
	Long-term value: 67.5 mg/m ³ , 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. Avoid contact with the skin. Avoid contact with the eyes and skin.

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

General Information	
Form	
Fluid	
Colour	
Colourless	
Odour	
Characteristic	
Change in condition	
Melting point/Melting range	
-68°C	

Boiling point/Boiling range

224 - 234°C

Flash point

98°C

Ignition temperature 225°C

Danger of explosion

Product does not present an explosion hazard.

Explosion limits:		Lower	0.9 Vol %	Upper	5.9 Vol %	Vapour pressure at 20°C	0.1 hPa
Density at 20°C	0.95 g/cm³	Solubility in / Miscibility with water.			Fully miscible.	Viscosity:	Dynamic at 22°C
6.16 mPas							

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.

Acute toxicity: **LD/LC50 values relevant for classification:**

Oral

Dermal

LD50

LC50

5660 mg/kg (rat)

4000 mg/kg (rabbit)

Primary irritant effect:	on the skin	No irritant effect.	on the eye	Irritating effect.	Sensitization	No
sensitizing effects known.						

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.

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.

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: -

Labelling according to EU guidelines:

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

Materials.

Risk phrases:

36 Irritating to eyes.

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.

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.

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.