



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-15-3016-010

Silver Polish Tarnish Remover

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	RXSOL-19-1579-210
Product Type	N-Propanol

Company Details:

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

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 / Information on ingredients

www.rxmarine.com

Chemical Name	CAS Number	EC Number	Index number
propan-1-ol	71-23-8	200-746-9	603-003-00-0

3. Hazards Identification

www.rxmarine.com

Hazard description:

Information concerning particular hazards for human and environment:

R 11 Highly flammable.

R 41 Risk of serious damage to eyes.

R 67 Vapours may cause drowsiness and dizziness.

4. First Aid Measures

www.rxmarine.com

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. Then consult a doctor.
After swallowing	If symptoms persist consult doctor.

5. Fire-fighting Measures

www.rxmarine.com

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

www.rxmarine.com

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. Ensure adequate ventilation.

7. Handling and Storage

www.rxmarine.com

Handling:

Information for safe handling: No special requirement

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: Store in a cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8. Exposure controls and personal protection

www.rxmarine.com

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

<i>Ingredients with limit values that require monitoring at the workplace:</i>	
71-23-8 propan-1-ol	
PEL (USA)	500 mg/m ³ , 200 ppm
REL (USA)	Short-term value: 625 mg/m ³ , 250 ppm Long-term value: 500 mg/m ³ , 200 ppm
TLV (USA)	Skin
WEL (Great Britain)	246 mg/m ³ , 100 ppm Short-term value: 625 mg/m ³ , 250 ppm Long-term value: 500 mg/m ³ , 200 ppm Sk

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures: Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes.

Respiratory protection: INot required.

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

www.rxmarine.com

General Information	
Form	Fluid
Colour	Colourless
Odour	Alcohol-like
Change in condition	
Melting point/Melting range	-127°C
Boiling point/Boiling range	96.5-97.5°C
Flash point	23°C
Ignition temperature	360°C
Danger of explosion	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower	2.1 Vol %
Upper	13.5 Vol %
Vapour pressure at 20°C	19 hPa
Density at 20°C	0.8035 g/cm ³
Solubility in / Miscibility with water at 20°C	1 g/l
pH-value (200 g/l) at 20°C	7
Viscosity:	
Dynamic at 20°C	2.3 mPas

10. Stability and reactivity

www.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 information

www.rxmarine.com

Acute toxicity:		
LD/LC50 values relevant for classification:		
Oral	LD50	1870 mg/kg (rat)
Dermal	LC50	5040 mg/kg (rabbit)
Primary irritant effect:		
on the skin	No irritant effect.	
on the eye	Strong irritant with the danger of severe eye injury.	
Sensitization	No sensitizing effects known.	

12. Ecological information

www.rxmarine.com

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

www.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.

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

14. Transport information

www.rxmarine.com

Land transport ADR/RID (cross-border)		
	ADR/RID class	3 Flammable liquids.
	Danger code (Kemler)	30
	UN-Number	1274
	Packaging group	III
	Hazard label	3
	Description of goods	1274 PROPANOL (PROPYL ALCOHOL, NORMAL)
Maritime transport IMDG		
	IMDG Class	3
	UN Number	1274
	Label	3
	Packaging group	III
	EMS Number	F-E,S-D
	Marine pollutant	No

Proper shipping name	PROPANOL (PROPYL ALCOHOL, NORMAL)
Air transport ICAO-TI and IATA-DGR	
ICAO/IATA Class	3
UN/ID Number	1274
Label	3
Packaging group	III
Proper shipping name	PROPANOL (PROPYL ALCOHOL, NORMAL)

15. Regulatory information

www.rxmarine.com

Labelling according to EU guidelines:

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

Risk phrases:

- 11 Highly flammable.
- 41 Risk of serious damage to eyes.
- 67 Vapours may cause drowsiness and dizziness.

Safety phrases:

- 2 Keep out of the reach of children.
- 7 Keep container tightly closed.
- 16 Keep away from sources of ignition - No smoking.
- 24 Avoid contact with skin.

16. Other information

www.rxmarine.com

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.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit varanasichemical.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.