



RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

RXSOL-35-3502-025

Rust Kleen 999 RX DERUSTING SOLUTION

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

www.rxmarine.com

Product Name	:	RXSOL-10-1713-220
Product Type	:	CITROSOLV TC 5000

Company Details:

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

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat, Nairobi

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	:	+91 22 2781 1318 ::::AOH :0091 9821214367
Email	:	mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemical characterization	
Description	Mixture of substances listed below with nonhazardous additions. Cleansing agent
Components (Other then Soft Raw Base)	Non-Ionic surfactants Xn, Xi; R 22-41 10-25 % CAS: 111-76-2
Einecs	203-905-0 2-Butoxyethanol Xn, Xi; R 20/21/22-36/38 2.5-10%

*See Section 16

3. Hazards Identification

www.rxmarine.com

Hazard description	Xn Harmful
Information concerning Particular hazards for human and environment	The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. R 22 Harmful if swallowed.
Classification system	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4. First Aid Measures

www.rxmarine.com

General information	Immediately remove any clothing soiled by the product. 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; 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	Call for a doctor immediately

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 clothing.
Measures for environmental protection	Dilute with plenty of water.
	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.
	Dispose of the material collected according to regulations.

7. Handling and Storage

www.rxmarine.com

Handling	
Information for safe handling	Store in cool, dry place in tightly closed receptacles. Prevent formation of aerosols.
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	None.

8. Exposure controls and personal protection

www.rxmarine.com

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

- Ingredients with limit values that require monitoring at the workplace:

111-76-2 2-butoxyethanol

WEL Short-term value: 50 ppm
 Long-term value: 25 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.
- 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.

- 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: Safety glasses
- Body protection: Protective work clothing

9. Physical and chemical properties

www.rxmarine.com

- General Information

Form: Fluid

Colour: Yellowise / Clear

Odour: Characteristic Citrus

- Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 171°C

- Ignition temperature: 240°C
- Self-igniting: Product is not selfigniting.
- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:

Lower: 1.1 Vol %

Upper: 10.6 Vol %

- Vapour pressure at 20°C: 23 hPa

- Density at 20°C: 1.01 g/cm³

• Solubility in / Miscibility with
water: Fully miscible.

- pH-value at 20°C: > 7

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	Carbon monoxide and carbon dioxide.

11. Toxicological information

www.rxmarine.com

Acute toxicity	Primary irritant effect:
on the skin	No irritant effect.
on the eye	No irritating effect.
Sensitization	No sensitizing effects known.
Additional toxicological information	The product shows the following dangers according to the calculation method of the General EU
Classification Guidelines for Preparations as issued in the latest version	Harmful

12. Ecological information

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

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.
Code letter and hazard designation of product	Xn Harmful

Risk phrases	22 Harmful if swallowed.
Safety phrases	23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer). 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 60 This material and its container must be disposed of as hazardous waste.
National regulations	
Waterhazard class	Water hazard class 2 (Self-assessment): hazardous for water.

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.

• Relevant R-phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

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.