Material Safety Data Sheet

Screen Wash Concentrate Glass Cleaner (RXSOL-41-8969-025)

1. Product and Company Identifaction

Product Name	Screen Wash Concentrate Glass Cleaner
Product Type	**RXSOL-41-8969-025**

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

Phone	+91 22 65113333/ 5555 / 9999 / 27611360 / 27815540
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Email	mail@rxmarine.com

2. Composition / informationon ingredients

Name	CAS Number	EC Number	V/V %	Classification
Ethanol	107-21-1	203-473-3	2-8 %	Xn;R22
Propan-2-ol	67-63-0	200-661-7	1%	F;R11 Xi;R36 R67
Proprietory			45-60%	

3. Hazards Identification

Flammable. Harmful by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

CLASSIFICATION T;R39/23/24/25. Xn;R20/21/22. R10.

4. First Aid Measures

GENERAL INFORMATION *:* Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION : Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION : DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT : Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. Fire-fighting Measures

EXTINGUISHING MEDIA : Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES : Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

6. Accidental Release Measures

SPILL CLEAN UP METHODS : Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7. Handling and Storage

USAGE PRECAUTIONS : Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS : Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8. Exposure controls and personal protection

ENGINEERING MEASURES : Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT : No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION : Use suitable protective gloves if risk of skin contact. EN374 Rubber gloves are recommended.

EYE PROTECTION : Wear approved safety goggles.

OTHER PROTECTION : Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES : DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. Physical and chemical properties

Appearance	:	Clear Liquid
Colour	:	Blue
Odour	:	Slight Odour Of Alcohol Citrus
Solubility	:	Soluble In Water
Relative Density	:	~0.975
Ph-Value	:	Conc. Solution 5.0 - 6.0
Flash Point (°C)	:	>68.5c

10. Stability and reactivity

STABILITY **:** Stable under normal temperature conditions.
CONDITIONS TO AVOID : Avoid contact with acids and oxidising substances.
HAZARDOUS DECOMPOSITION PRODUCTS : Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO_2).

11. Toxicological information

INHALATION : Harmful by inhalation.

INGESTION : Swallowing concentrated chemical may cause severe internal injury.

SKIN CONTACT : Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT : Irritating to eyes.

HEALTH WARNINGS :

INHALATION : Prolonged inhalation of high concentrations may damage respiratory system.

SKIN CONTACT : Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT : May cause severe irritation to eyes.

INGESTION : The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

ROUTE OF ENTRY : Ingestion. Skin and/or eye contact.
TARGET ORGANS : Skin Eyes. Respiratory system, lungs.

12. Ecological information

ECOTOXICITY : Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

BIOACCUMULATION : Expected to be low, based on ingredients

DEGRADABILITY : Rapid, based on ingredients

ACUTE FISH TOXICITY : Low, based on ingredients

13. Disposal considerations

Dispose of waste and residues in accordance with local authority requirements. All disposal must be in accordance with all federal, state and local regulations.

14. Transport information

Uk Road Class	:	3
Proper Shipping Name	:	Flammable Liquid,
Toxic, N.O.S	:	(Propan-2-Ol)
Un No. Road	:	1992
Uk Road Pack Gr	:	III
Adr Class No.	:	3
Adr Pack Group	:	III
Adr Label No	:	3 & 6.1
Marine Pollutant	:	No.
Air Class	:	3
Air Sub Class	:	6.1

15. Regulatory information

RISK PHRASES

R10	:	Flammable.
R20/21/22	:	Harmful by inhalation, in contact with skin and if swallowed
R39/23/24/25	:	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

SAFETY PHRASES

S1/2		Keep locked up and out of the reach of children.
S4		Keep away from living quarters.
S13		Keep away from food, drink and animal feeding stuffs.
S27		Take off immediately all contaminated clothing.
S29		Do not empty into drains.
S36/37/39		Wear suitable protective clothing, gloves and eye/face protection.
S45		In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S46		If swallowed, seek medical advice immediately and show this container or label.
S51		Use only in well-ventilated areas.
S63		In case of accident by inhalation: remove casualty to fresh air and keep at rest.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.