

1. Product and Company Identification

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Product Name Odour Remover B
Part Number RXSOL-15-2670-005

Company Details:....

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Mixtures

Chemical Name	CAS-No./ EC-No	Annex Index/ REACH number	Classification according to Regulation EC 1272/2008:	Concentration [%]
Ethanol	64-17-5/ 200-578-6	603-002-00-5/ 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	0.5 - 1.0

No components need to be disclosed according to the applicable regulations.

3. Hazards Identification

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Classification of the substance or mixture CLASSIFICATION according to Regulation EC 1272/2008
Classification, Labelling and Packaging Not classified.
Label elements There are no statutory label elements
Other hazards Mixture not classed as PBT or vPvB

4. First Aid Measures

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Description of first aid measures

GENERAL ADVICE	Consult a physician in all cases of doubt. Show this safety data sheet to the doctor in attendance.
AFTER INHALATION	If breathed in, move person into fresh air.
AFTER SKIN CONTACT	Wash off with soap and water.
AFTER EYE CONTACT	Rinse thoroughly with plenty of water for at least 15 minutes, if any soreness or irritation persists seek medical advice.
AFTER INGESTION	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Obtain medical advice if any irritation persists.
Most important symptoms and effects, both acute and delayed	None reported.
Indication of any immediate medical attention and special treatment needed	None reported.

Extinguishing media

Suitable extinguishing media

Not expected to be flammable. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.

In a fire or if heated, a pressure increase will occur and the container may burst, with the

risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along

the ground. Vapors may accumulate in low or confined areas or travel a considerable

distance to a source of ignition and flash back.

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distance to a source of ignition and flash back.

Not expected to be flammable. When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Material can create slippery conditions.

Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear. SPECIFIC METHOD(S) OF FIRE FIGHTING Use water spray to cool fire-exposed containers.

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions
Environmental precautions	Avoid release of neat product into surface water and sanitary sewage system.
Methods and materials for containment and cleaning up	
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning up	Clean preferably with a detergent, do not use solvents.
Reference to other sections	Refer to sections 7, 8 and 13

7. Handling and Storage

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Precautions for safe handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.
Conditions for safe storage, including any incompatibilities	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Recommended storage temperature see product label. Tightly closed.
Specific end use(s)	Recommended storage temperature see product label. For amateur use only as a stain and odour remover.

8. Exposure controls and personal protection

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Control parameters

ETHANOL

Type	Effect	Value	Population
DNEL	Inhalation	950 mg/m ³	Industry
DNEL	Dermal	343 mg/m ³	Industry
DNEL	Inhalation	114 mg/m ³	Consumer
DNEL	Dermal	206 mg/m ³	Consumer
DNEL	Oral	87 mg/m ³	Consumer
PNEC	Freshwater	0.96 mg/l	-
PNEC	Marinewater	0.79 mg/l	-

Exposure controls

Engineering Measures	General ventilation is normally adequate
Personal Protective Equipment	Use personal protection equipment as per Directive 89/686/EEC
Hand Protection	Long term use eg: continuous wear or immersion;. Wear suitable protective gloves conforming to EN 374. Type of gloves suggested :. Nitrile rubber. PVC. Neoprene gloves. For break through times, refer to glove manufacturers recommendations.
Eye Protection	Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before

9. Physical and chemical properties

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Information on basic physical and chemical properties

Appearance	Light yellow
Physical State	liquid
Odor	Vanilla
pH	6.0
Boiling point	100 oC
Melting point	-5 oC
Flash point	> 62 oC
Specific Gravity	1.0 g/cm ³
Viscosity	No information available
Solubility	Soluble in water
Autoignition Temperature	No information available
Flammability Limits in Air %	Not applicable
Evaporation Rate	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Explosive properties	No information available
Oxidizing Properties	No information available
VOC Content (%)	1.2 %
Other information	None available.

10. Stability and reactivity

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Reactivity	No reactions reported.
Chemical stability	Stability: Stable under recommended storage conditions.
Possibility of hazardous reactions	Materials to Avoid: No chemical incompatibility is known.
Conditions to avoid	None reported.
Incompatible materials	Keep out of direct sunlight. Keep container tightly closed.
Hazardous decomposition products	None reported.
	Hazardous Polymerization: Will not occur
	No chemical incompatibility is known.

11. Toxicological information

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Information on toxicological effects

Acute toxicity	Not expected to be toxic.
Skin corrosion/irritation	Product is not classified as a skin corrosive/irritant.
Serious eye damage/eye irritation	Product is not classified as causing eye damage or irritation
Respiratory or skin sensitization	Product is not classified for respiratory or skin sensitisation.
Germ cell mutagenicity	No information specified.
Carcinogenicity	No information specified.
Reproductive toxicity	No information specified.
STOT-single exposure	Product is not classified as having Specific Target Organ Toxicity for single exposure

STOT-repeated exposure	No information specified.
Aspiration hazard	No information specified.

12. Ecological information

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Persistence and degradability	No data available
Toxicity to fish	Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 75 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - 42,81 mg/l - 48 h (OECD Test Guideline 202) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid
Toxicity	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.520 mg/l - 96 h
Toxicity to bacteria	EC10 - Bacteria - 14 mg/l - 72 h Remarks: (Lit.) EC5 - E.coli - 15.000 mg/l Remarks: (Lit.) (maximum permissible toxic concentration)
Toxicity to algae	Static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 74,35 mg/l - 72 h (OECD Test Guideline 201) Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid
Products Biodegradation	The methods for determining the biological degradability are not applicable to inorganic substances.
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Endocrine disrupting properties	No data available
Other adverse effects	No data available .

13. Disposal considerations

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Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.
Contaminated packaging	Dispose of as unused product.
Waste treatment Method	See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.

14. Transport information

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UN number	Not classified
UN proper shipping name	Not classified
Transport hazard class(es)	Not classified
Packaging group	Not classified
Environmental hazards	Not classified
Special precautions for user	Remarks: Not classified as hazardous according to ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road.
Further information	Applicable for Maritime bulk transport only. Check with carrier.

15. Regulatory information

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Safety, health and environmental regulations/legislation specific for the substance or mixture

This product is classified and labelled in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and 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).

Perfume, amyl cinnamal, hexyl cinnamal, hydroxyisoheptyl 3-cyclohexene carboxaldehyde, bronopol, 1,2-Benzisothiazolin-3-one
Chemical safety assessment not undertaken for this product.

Chemical Safety Assessment

16. Other information

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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 we 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.

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