

1. Product and Company Identification

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Product Name Demineralised Water
Part Number RXSOL-25-2204-100

Company Details:....

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

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CHEMICAL ENTITY	CAS NO	PROPORTION
Water	7732-18-5	100 %

3. Hazards Identification

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Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia GHS 7.

Poison Schedule Not Applicable

DANGEROUS GOOD CLASSIFICATION Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

4. First Aid Measures

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If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation	No hazards which require special first aid measures.
Skin contact	No hazards which require special first aid measures..
Eye contact	No hazards which require special first aid measures.
Ingestion	No hazards which require special first aid measures.
PPE for First Aiders	Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.
Notes to physician	Treat symptomatically.

5. Fire-fighting Measures

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Hazchem Code	Not applicable.
Suitable extinguishing media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
Specific hazards	<p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</p> <p>In a fire or if heated, a pressure increase will occur and the container may burst, with the</p> <p>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</p> <p>the ground. Vapors may accumulate in low or confined areas or travel a considerable</p> <p>distance to a source of ignition and flash back.</p> <p>Non-combustible material.</p>
Fire fighting further advice	Not applicable.

6. Accidental Release Measures

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SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and

waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Not applicable

Dangerous Goods - Initial Emergency Response Guide No

7. Handling and Storage

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Handling

Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls and personal protection

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National occupational exposure limits

No value assigned for this specific material by Safe Work Australia.

Biological Limit Values

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures

Natural ventilation should be adequate under normal use conditions.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location

9. Physical and chemical properties

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Base Units

Litres

Form

Clear Liquid

Colour

Colourless

Odor

Odourless

Solubility

Miscible with water

Specific Gravity

1.00

Density

1.00 @ 25°C

Relative Vapour Density (air=1)

N Av

Vapour Pressure

N Av

Flash point (°C)

N App

Flammability Limits (%)

N App

Autoignition Temperature (°C)

N App

materials. Extremely flammable in the presence of the following materials or conditions: oxidizing

materials.

Melting Point/Range (°C)

0°C

Boiling Point/Range (°C)

100°C

Decomposition Point (°C)

N Av

pH

6.5 - 7.5

Viscosity

N Av

Evaporation Rate (n-Butyl acetate=1)

N Av

Partition Coefficient	N Av
Total VOC (g/Litre)	N Av
Odour Threshold	N Av
Molecular Weight	18 g/mol

(Typical values only - consult specification sheet)

N Av = Not available, N App = Not applicable

10. Stability and reactivity

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Chemical stability	This material is thermally stable when stored and used as directed.
Conditions to avoid	Elevated temperatures and sources of ignition.
Incompatible materials	Oxidising agents.
Hazardous decomposition products	Oxides of carbon and nitrogen, smoke and other toxic fumes
Hazardous reactions	No known hazardous reactions

11. Toxicological information

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No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are

Acute effect	
Inhalation	Material may be an irritant to mucous membranes and respiratory tract.
Skin contact	Contact with skin may result in irritation.
Ingestion	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye contact	May be an eye irritant.
Acute toxicity	
Inhalation	This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist
Skin contact	This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw
Ingestion	This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): LD50 > 2,000 mg/Kg bw
Corrosion/Irritancy	Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.
Sensitisation	Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
Aspiration hazard	This material has been classified as not an aspiration hazard.
Specific target organ toxicity (single exposure)	This material has been classified as not a specific hazard to target organs by a single exposure.
Chronic Toxicity	
Mutagenicity	This material has been classified as not a mutagen.
Carcinogenicity	This material has been classified as not a carcinogen.
Reproductive toxicity (including via lactation)	This material has been classified as not a reproductive toxicant.
Specific target organ toxicity (repeat exposure)	This material has been classified as not a specific hazard to target organs by repeat exposure.

12. Ecological information

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Avoid contaminating waterways.

Acute aquatic hazard

This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L

Long-term aquatic hazard

This material has been classified as not hazardous for chronic aquatic exposure. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility

No information available.

13. Disposal considerations

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Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal

protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in

accordance with local, regional, national and international Regulations.

14. Transport information

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ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

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This material is not subject to the following international agreements

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

This material/constituent(s) is covered by the following requirements

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic

Goods Act (Commonwealth): Not Applicable.

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial

Chemicals (AIIC).

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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