

## 1. Product and Company Identification

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Product Name Distilled Water  
Part Number RXSOL-15-1104-026

Company Details:....

RX MARINE INTERNATIONAL  
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## 2. Composition / Information on ingredients

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### Substances

Formula	H <sub>2</sub> O
Molecular weight	18,02 g/mol
CAS-No	7732-18-5
EC-No.	231-791-2

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

## 3. Hazards Identification

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Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Label elements	No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required
Other hazards	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.  Ecological information:  The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.  Toxicological information:  The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 4. First Aid Measures

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## Description of first aid measures

<b>If inhaled</b>	No hazards which require special first aid measures.
<b>In case of skin contact</b>	After inhalation: fresh air.
<b>In case of eye contact</b>	After eye contact: rinse out with plenty of water. Remove contact lenses.
<b>If swallowed</b>	After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.
<b>Most important symptoms and effects, both acute and delayed</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed</b>	No data available

## **5. Fire-fighting Measures**

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### Extinguishing media

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	For this substance/mixture no limitations of extinguishing agents are given.
<b>Special hazards arising from the substance or mixture</b>	<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>

Nitrogen oxides (NOx)

Molybdenum oxides

Not combustible.

Fire may cause evolution of:

nitrogen oxides

Ambient fire may liberate hazardous vapours.

#### Advice for firefighters

#### Further information

In the event of fire, wear self-contained breathing apparatus.

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

spray to keep fire-exposed containers cool. Promptly isolate the scene by removing all persons from the vicinity of the incident if

there is a fire. No action shall be taken involving any personal risk or without suitable

training. Move containers from fire area if this can be done without risk. Use water

spray to keep fire-exposed containers cool.

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.

Environmental precautions

For personal protection see section 8.

Methods and materials for containment and cleaning up

Do not let product enter drains.

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Reference to other sections

For disposal see section 13.

## 7. Handling and Storage

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Precautions for safe handling

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Recommended storage temperature see product label.

Recommended storage temperature see product label. Tightly closed.

Specific end use(s)

Recommended storage temperature see product label.

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

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Control parameters

**Exposure controls**

**Personal protective equipment**

Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses
Skin protection	Not required
Respiratory protection	Not required; except in case of aerosol formation.
Control of environmental exposure	No special precautionary measures necessary.

**9. Physical and chemical properties**

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**Information on basic physical and chemical properties**

Physical state	Liquid
Color	Colorless
Odor	No data available
Melting point/freezing point	Melting point/range: 0,0 °C
Initial boiling point and boiling range	100 °C - lit.
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Flash point	Not applicable
Autoignition temperature	No data available
Decomposition temperature	No data available
	materials. Extremely flammable in the presence of the following materials or conditions: oxidizing
	materials.
pH	6,0 - 8,0 at 25 °C
Viscosity	Viscosity, kinematic: No data available
	Viscosity, dynamic: No data available
Water solubility	Completely miscible
Partition coefficient: n-octanol/water	log Pow: -0,467 - Bioaccumulation is not expected
Vapor pressure	No data available
Density	1,000 g/cm <sup>3</sup> at 3,98 °C - lit.
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	None
Other safety information	No data available

**10. Stability and reactivity**

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<b>Reactivity</b>	No data available
<b>Chemical stability</b>	The product is chemically stable under standard ambient conditions (room temperature)

<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	Strong acids
<b>Hazardous decomposition products</b>	In the event of fire: see section 5

## 11. Toxicological information

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### Information on toxicological effects

Acute toxicity	LD50 Oral - Rat - > 90.000 mg/kg
	Remarks: (RTECS)
	Inhalation: No data available
	Dermal: No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

## 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
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Contaminated packaging  
Waste treatment Method

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.

Dispose of as unused product.

See [www.retrologistik.com](http://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  
UN proper shipping name

ADR/RID: IMDG: IATA:

ADR/RID: Not dangerous goods

Transport hazard class(es)  
Packaging group  
Environmental hazards  
Special precautions for user  
Further information

IMDG: Not dangerous goods

IATA: Not dangerous goods

ADR/RID: IMDG: IATA:

ADR/RID: IMDG: IATA:

ADR/RID: No IMDG: No IATA: No

No data available

Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Other regulations

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## 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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