

## 1. Product and Company Identification

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Product Name SACCHARIN  
Part Number RXSOL-23-6605-025

Company Details:....

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

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### Substances

Synonyms 2,3-Dihydroxy-1,2-benzisothiazol-3-one-1,1-dioxide  
2-Sulfobenzoic acid imide  
o-Benzoic sulfimide  
Formula  $C_7H_5NO_3S$   
Molecular weight 183,18 g/mol  
CAS-No 81-07-2  
EC-No. 201-321-0

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

## 3. Hazards Identification

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Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.  
Label elements Not a hazardous substance or mixture.  
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.

## 4. First Aid Measures

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### Description of first aid measures

**If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**In case of skin contact** Wash off with soap and plenty of water.  
**In case of eye contact** Flush eyes with water as a precaution.  
**If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth

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**Most important symptoms and effects, both acute and delayed**

with water.

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed**

No data available

## 5. Fire-fighting Measures

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### Extinguishing media

**Suitable extinguishing media**

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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Carbon oxides

Nitrogen oxides (NO<sub>x</sub>)

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

## Further information

No data available

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

No special environmental precautions required.

Reference to other sections

Sweep up and shovel. Keep in suitable, closed containers for disposal.

For disposal see section 13.

## 7. Handling and Storage

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Precautions for safe handling

Advice on protection against fire and explosion

Provide appropriate exhaust ventilation at places where dust is formed.

Recommended storage temperature see product label. Tightly closed.

Hygiene measures

Recommended storage temperature see product label.

General industrial hygiene practice.

Conditions for safe storage, including any incompatibilities

For precautions see section 2.2.

Storage conditions

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Storage class

Hygroscopic.

Specific end use(s)

Storage class (TRGS 510): 13: Non Combustible Solids

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

Ingredients with workplace 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	<p>This recommendation applies only to the product stated in the safety data sheet,</p> <p>supplied by us and for the designated use. When dissolving in or mixing with other</p> <p>substances and under conditions deviating from those stated in EN374 please</p> <p>contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell,</p> <p>Internet: <a href="http://www.kcl.de">www.kcl.de</a>).</p> <p>Full contact</p> <p>Material: Nitrile rubber</p> <p>Minimum layer thickness: 0,11 mm</p> <p>Break through time: 480 min</p> <p>Material tested:KCL 741 Dermatril® L</p> <p>This recommendation applies only to the product stated in the safety data sheet,</p> <p>supplied by us and for the designated use. When dissolving in or mixing with other</p> <p>substances and under conditions deviating from those stated in EN374 please</p> <p>contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell,</p> <p>Internet: <a href="http://www.kcl.de">www.kcl.de</a>).</p> <p>Splash contact</p> <p>Material: Nitrile rubber</p> <p>Minimum layer thickness: 0,11 mm</p> <p>Break through time: 480 min</p> <p>Material tested:KCL 741 Dermatril® L</p>
Respiratory protection	<p>Required when dusts are generated.</p> <p>Our recommendations on filtering respiratory protection are based on the following</p> <p>standards: DIN EN 143, DIN 14387 and other accompanying standards relating to</p> <p>the used respiratory protection system.</p> <p>Recommended Filter type: Filter type P1</p>

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory

protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

Do not let product enter drains..

Control of environmental exposure

## 9. Physical and chemical properties

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### Information on basic physical and chemical properties

Physical state	Amorphous
Color	Colorless
Odor	Odorless
Melting point/freezing point	Melting point/range: 226 - 229 °C - lit.
Initial boiling point and boiling range	388,76 °C
Flammability (solid, gas)	May form combustible dust concentrations in air.
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
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	No data available
Viscosity	Viscosity, kinematic: No data available
	Viscosity, dynamic: No data available
Water solubility	39 g/l at 23 °C - soluble
Partition coefficient: n-octanol/water	log Pow: 5,9 at 23 °C
Vapor pressure	No data available
Density	No data available
Relative density	No data available
Relative vapor density	No data available
Particle characteristics	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	
Bulk density	1,15 kg/m <sup>3</sup> at 23 °C
Solubility in other solvents	Methanol 39 g/l at 23 °C
	- soluble
	Ether 14 g/l at 23 °C
	- soluble

## 10. Stability and reactivity

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Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.

<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	No data available
<b>Incompatible materials</b>	Strong oxidizing agents
<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 - > 1.000 mg/kg
	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
Additional Information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. Ecological information

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Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
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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Waste treatment methods	
Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

## 14. Transport information

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UN number	ADR/RID: IMDG: IATA:
UN proper shipping name	ADR/RID: Not dangerous goods
	IMDG: Not dangerous goods
	IATA: Not dangerous goods

Transport hazard class(es)	ADR/RID: IMDG: IATA:
Packaging group	ADR/RID: IMDG: IATA:
Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
Special precautions for user	
Further information	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.

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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