

1. Product and Company Identification

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Product Name

Sodium Gluconate

Part Number

RXSOL-19-1518-025

Synonyms :

Sodium D-gluconate, 2,3,4,5,6-Pentahydroxycaproic

Company Details:

RX MARINE INTERNATIONAL

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2. Composition / Information on ingredients

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Name	of	Substance	Cas Number
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Sodium Gluconate			527-07-1
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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. This substance is not classified according to Directive 67/548/EEC.

Label elements

This substance is not classified as dangerous according to Directive 67/548/EEC.

Other Hazard

None

4. First Aid Measures

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Eye Contact

Rinse immediately with plenty of water, also u
attention.

Skin Contact

Wash off immediately with plenty of water for a
symptoms occur.

Inhalation

Remove to fresh air. If breathing is difficult, give
occur.

Ingestion

Do NOT induce vomiting. Get medical attention.

Most important symptoms and effects

No information available.

5. Fire-fighting Measures

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Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture
Advice for firefighters
Further information

Carbon oxides, Sodium oxides
Wear self contained breathing apparatus for fire fighting if necessary.
No data available

6. Accidental Release Measures

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Personal Precautions
Environmental Precautions
Methods for Containment and Clean Up

Ensure adequate ventilation. Use personal protective
Should not be released into the environment. See S
Sweep up and shovel into suitable containers for di

7. Handling and Storage

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Handling
Storage

Wear personal protective equipment/face protect
skin, eyes or clothing. Avoid ingestion and inhalati
Keep containers tightly closed in a dry, cool and w

8. Exposure controls and personal protection

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Exposure Guidelines
Engineering Measures
Personal Protective Equipment

This product does not contain any hazardous ma
region specific regulatory bodies.
None under normal use conditions
Eye/face Protection Wear appropriate
protective eyeglasses or chemical safety goggles
in 29 CFR 1910.133 or European Standard EN1
Skin and body protection Wear appropriate prote
Respiratory Protection No protective equipment



Gloves Suit

9. Physical and chemical properties

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Form
Colour
Odour
Odor Threshold
pH
Melting Point

Powder, Finecrystalline
Off White
Odourless
Threshold Not applicable
7.0 - 8.0 at 100 g/l 20 °C
170 - 175 °C

Boiling Point	Not Applicable
Flash Point	Not Applicable
Evaporation Rate	No information available.
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Specific Gravity	1.98 g/cm ³ at 20 °C
Partition coefficient	No data available
Explosive properties	None
Water Solubility	590 g/l at 25 °C
Auto Ignition temperature	No information available.

10. Stability and reactivity

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Reactive Hazard None known, based on information available

Stability Stable under normal conditions.

Conditions to Avoid Incompatible products. Excess heat. Avoid dust formation. Exposure to moisture.

Incompatible Materials Strong oxidizing agents

Hazardous Decomposition Products Carbon monoxide (CO), Carbon dioxide (CO₂) Hazardous Polymerization Hazardous polymerization does not occur.

Hazardous Reactions None under normal processing.

Reactivity	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
Stability	The product is chemically stable under standard ambient conditions (room temperature).
Possibility of hazardous reactions	Violent reactions possible with: Strong oxidizing agents
Conditions to avoid	Strong heating (decomposition).
Incompatible materials	No information available
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

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Information on toxicological effects

Acute toxicity no data available

Skin corrosion/irritation no data available

Serious eye damage/eye irritation no data available

Respiratory or skin sensitisation no data available

Germ cell mutagenicity no data available

Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

Reproductive toxicity no data available

Specific target organ toxicity - single exposure no data available

Specific target organ toxicity - repeated exposure no data available

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 PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects no data available

13. Disposal considerations

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Waste treatment Method	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification
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14. Transport information

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Land transport (ADG):

Not classified as dangerous in the meaning of

Air transport (ICAO-IATA / DGR)

Not classified as dangerous in the meaning of

Sea transport (IMDG-Code / GGVSee)

Not classified as dangerous in the meaning of

Hazard

No

Marine pollutant

No

15. Regulatory information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture no data available

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

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