Material Safety Data Sheet

Sodium Gluconate (RXSOL-19-1518-025)

1. Product and Company Identifaction

Product Name	Sodium Gluconate
Part Number	RXSOL-19-1518-025
Synonyms :	Sodium D-gluconate, 2,3,4,5,6-Pentahydroxycaproic acidsodium salt,D-Gluconatesodium salt

Company Details:
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2. Composition / informationon ingredients

Name of Substance	Cas Number	Wight %
Sodium Gluconate	527-07-1	100%

3. Hazards Identification

Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC). No. 1272/2008.This substance is not classified as dangerous 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

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Ingestion	Do NOT induce vomiting. Get medical attention.
Most important symptoms and effects	No information available.

5. Fire-fighting Measures

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides, Sodium oxides
Advice for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.
Further information	No data available

6. Accidental Release Measures

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation
Environmental Precautions	Should not be released into the environment. See Section 12 for additional Ecological Information.
Methods for Containment and Clean Up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place

8. Exposure controls and personal protection

Exposure Guidelines		This product does not contain any hazardous materials with occupational exposure limitsestablished by the region specific regulatory bodies.
Engineering Measures		None under normal use conditions
Personal Equipment	Protective	Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection No protective equipment is needed under normal use conditions.



Gloves



Suit

9. Physical and chemical properties

Form	Powder, Finecrystalline
Colour	Off White
Odour	Odourless
Odor Threshold	Threshold Not applicable
pH	7.0 - 8.0 at 100 g/l 20 °C
Melting Point	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/cm3 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

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

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

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

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

14. Transport information

Land transport (ADG):	**Not classified as dangerous in the meaning of transport regulations.**
Air transport (ICAO-IATA / DGR)	**Not classified as dangerous in the meaning of transport regulations.**
Sea transport (IMDG-Code / GGVSee)	**Not classified as dangerous in the meaning of transport regulations.**
Hazard	**No**
Marine pollutant	**No**

15. Regulatory information

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

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 weassume 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 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. DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.