



Sodium Gluconate (Food Grade)

CAS No.: 527-07-1
Formula: $C_6H_{11}NaO_7$

DESCRIPTION

Sodium Gluconate (Food Grade) is a white to light-yellow crystalline powder produced by the neutralization of gluconic acid with sodium hydroxide. It exhibits high solubility in water, excellent chelating ability, and low levels of chloride and heavy metal impurities. The product is non-corrosive, biodegradable, and widely used in food processing and industrial formulations requiring a safe and effective sequestrant or cleaner.

KEY FEATURES

- High-purity, food-grade quality with low chloride and sulfate content
- Excellent chelating and sequestering properties
- Effective corrosion and scale inhibitor
- Non-toxic, biodegradable, and safe for use in food and beverage applications

APPLICATIONS

- Glass bottle and metal surface cleaning
- Food and beverage formulations as a stabilizer and chelating agent
- Concrete admixtures and corrosion inhibitors
- Detergents and industrial cleaning systems
- Electroplating and metal finishing

TYPICAL SPECIFICATIONS

Parameter	Specification
Assay (as $C_6H_{11}NaO_7$)	99.0 – 102.0%
Heavy Metals	≤ 5 mg/kg
Lead (Pb)	≤ 1 mg/kg
Arsenic (As)	≤ 1 mg/kg
Chloride	≤ 0.02%
Sulfate	≤ 0.02%
Reducing Substances	≤ 0.05%
pH (25 °C)	6.5 – 8.5
Loss on Drying	≤ 0.3%





**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

Chemport Pty Ltd provides the information contained in this document in good faith based on the best knowledge available at the time of publication. While we believe the information to be accurate and reliable, it is intended for general guidance only and is provided without warranty of any kind, express or implied.

Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

Chemport Pty Ltd shall not be liable for any direct, indirect, or consequential loss or damage arising from the use of this product or reliance on the information provided in this document. Users should refer to the current Safety Data Sheet (SDS) and perform their own evaluations, including any necessary testing, to confirm the product's suitability for use in their particular conditions.

This document is subject to revision without notice as new data becomes available.

TECHNICAL SUPPORT
+61294103317
info@chemport.com.au

Level 9 Tower A
821 Pacific Highway
Chatswood NSW 2067
Australia
chemport.com.au

PACKAGING

- Available in 25 kg multi-ply paper bags with PE liner or 1,200 kg super sacks.
- Other packaging sizes may be available upon request.

SHELF LIFE

Shelf life is at least 24 months under normal storage conditions.

STORAGE

Store in tightly sealed containers in a cool, dry, and well-ventilated area. Avoid exposure to moisture and direct sunlight.

SAFETY & HANDLING

Sodium gluconate is non-hazardous and safe for handling under normal conditions.

Avoid inhalation of dust and contact with eyes. Use standard personal protective equipment during handling.

Refer to the Safety Data Sheet (SDS) for detailed information on safe handling, exposure limits, and disposal.