

SAFETY DATA SHEET

SODIUM GLUCONATE

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sodium Gluconate

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

GHS classification:

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

GHS label elements:

Hazard Pictograms: No hazard pictogram is used.

Signal word: No signal word is used.

Hazard statement: Not applicable.

Precautionary statement

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Specific hazards Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Sdoium Gluconate	527-07-1	100

4. FIRST AID MEASURES

Description of necessary first-aid measures:

Inhalation:

If breathed in, move person into fresh air. If not breathing give artificial respiration.

Skin:

Wash off with soap and plenty of water.

Eye:

Flush eyes with water as a precaution.

Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

Indication of immediate medical attention and special treatment needed, if necessary:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

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

Unsuitable extinguishing media:

Not available.

Specific hazards arising from the chemical:

Hazardous decomposition products formed under fire conditions. - Carbon oxides.

Protective equipment and precautions for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid dust formation.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

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

7. HANDLING AND STORAGE

Precautions for safe handling:

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities:

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Occupational exposure limits:

Not available.

Appropriate engineering controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal protective equipment:

Eye/face protection:

Safety glasses.

Skin protection:

Protective suit, Use disposable clothing if appropriate.

Respiratory protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection:

For prolonged or repeated contact use protective gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Form	Granules
Color	White or yellow

Odor	Odorless
Odor threshold	Not available
PH	6.0 – 7.8 (10% aqueous solution)
Melting point/range	206°C
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Density	Not available
Solubility (H ₂ O)	30% (20°C)
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Molecular weight	218.14
Molecular formula	C ₆ H ₁₁ NaO ₇
Viscosity	Not available
Specific gravity	Not available

10. STABILITY AND REACTIVITY

Reactivity:

The substance is stable under normal storage and handling conditions.

Chemical stability:

Material is stable under normal conditions

Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

Conditions to avoid:

Contact with incompatible materials. Thermal decomposition: 196 - 198 °C (385 - 388 °F).

Incompatible materials:
Strong oxidizing agents.

Hazardous decomposition products:
Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Toxicological data:

Toxicological information:

Occupational exposure to the substance or mixture may cause adverse effects.

Acute toxicity:

LD50(Oral, Rat): Not available.

LD50(Dermal, Rabbit): Not available.

LC50(Inhalation, Rat): Not available.

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Other information Not classified

12. ECOLOGICAL INFORMATION

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Waste from residues/unused products:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2	See section 2	See section 2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	Not regulated	Not regulated	Not regulated

15. REGULATORY INFORMATION

Inventory status:

Country(s) or region	Inventory name	On Inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	Yes

Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. OTHER INFORMATION

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