



SHANDONG KAISON BIOCHEMICAL CO., LTD

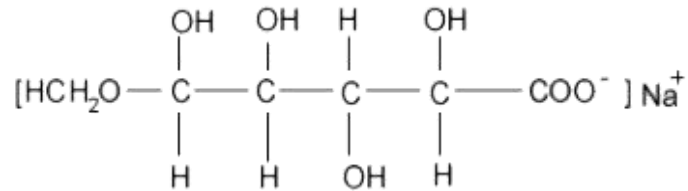
No 52 Yanhe Road, Wulian County Shandong China

Tel: +86-156-0633-0617 FAX: +86-633-7917776

mail:jiaguozhang@hotmail.com

MATERIAL SAFETY DATA SHEET Of Sodium Gluconate

(Molecular Structure)



1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

PRODUCT NAME

SODIUM GLUCONATE FCC/USP/TECH

Synonym: gluconic acid sodium salt

Supplier

Shandong Kasion Biochemical Co., Ltd

No 52 Yanhe Road, Wulian County, Shandong China

For Emergency call: +86-156-0633-0617

2. COMPOSITION/INFORMATION on INGREDIENTS

Chemical Formula: $\text{C}_6\text{H}_{11}\text{NaO}_7$

Chemical Name: Sodium Gluconate

CAS No.: 527-07-1

EC No: 208-407-7

HS Code: 2918 1600

3. HAZARD IDENTIFICATION TLV CARCINOGEN

Nuisance Dust 15 mg/m³ (total) no

(Particulates no otherwise regulated) 5 mg/m³ (respirable)



4. HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation: Long-term inhalation of excessive dust may cause delayed lung injury. May cause respiratory irritation in susceptible individuals. Wear approved dust respirator when visible dust is present, and/or if irritation occurs. If adverse effects occur, get medical attention.

Skin: May cause irritation for susceptible individuals. Wear protective clothing as needed. Wash thoroughly with soap and water.

Eyes: Can cause eye damage. Wear dust proof goggles. Flush immediately with water or physiological saline for 15 minutes. Get prompt medical attention.

Ingestion: May cause toxic effects if large amounts are swallowed. No effects known for rare accidental swallowing. Avoid swallowing. Get medical attention if adverse effects occur.

Most likely routes of entry: Skin, Eyes

Other Important Medical or Precautionary Information: None

5. FIRE AND EXPLOSION HAZARDS

Flash Point (Method): n/a

Explosion Limits: Upper: n/a Lower: n/a

Extinguishing Media: Water, carbon dioxide, foam, halogen.

Special Firefighting Procedures and Hazards:

Use appropriate firefighting equipment.

6 - ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.



7. PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Collect as much as possible for use or disposal. Flush remainder into normal drainage or into ground with copious amounts of water.

Storage and Handling: Avoid generating dust.

Waste Disposal: In accordance with applicable regulations. Normally can be flushed down sewers. Not a hazardous waste under RCRA criteria.

Empty Containers: No special precautions.

Other Precautions: If substantial dust is in air, take measures to remove sources of ignition to prevent

possible dust combustion or explosion. Promptly ventilate the area. Adopt procedures to minimize dust generation.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# :527-07-1

9. CHEMICAL AND PHYSICAL PROPERTIES

Appearance: White to yellow powder or granules

Boiling Point: n/a

Odor: none

Melting Point:N/A

PH: 6.8-7.8

Water Solubility: Soluble

Vapor Pressure (mm Hg): n/a; Spec. Gravity (H₂O=1): n/a

10. REACTIVITY INFORMATION

Stability: Stable ; Incompatibility: Strong-oxidizing agents

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide

Hazardous Polymerization: Does Not Occur



11. TOXICOLOGY

May cause eye, skin or respiratory tract irritation

SECTION 12 - ECOLOGICAL INFORMATION

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

IATA

Not regulated as a hazardous material.

IMO

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

15. REGULATORY INFORMATION

DOT: Not Regulated

SARA Listed: No

TSCA Inventory: Yes

NFPA Ratings: HEALTH 0 FIRE 0 REACTIVITY 0

16. Other Information

MSDS Creation date: January 1st, 2006., Revision date: January 1st, 2012

Revision date: May 1st, 2013, Revision date: Mar 1st, 2015

Revision date: JAN 1st, 2016

Revision date: JAN 1st, 2017

Revision date: JAN 1st, 2018

Revision date: JAN 1st, 2019

Revision date: JAN 1st, 2020

Revision date: JAN 1st, 2021

Revision date: JAN 1st, 2022



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- 1). Notify your employees, agents and contractors of the information on this sheet.
- 2). Furnish a copy to each of your customers for this product.
- 3). Request your customers to inform their employees and customers as well.

Revised date: JAN 1st, 2022
