

Sodium Gluconate, USP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Gluconate, USP	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Sodium gluconate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	527-07-1	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Powder		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
Signal Word: **WARNING**
GHS Hazard Pictograms: None
GHS Hazard Statements: H313: May be Harmful in Contact with Skin.
H320: Causes eye irritation.
May form combustible dust.
GHS Precautionary Statements: P280: Wear protective gloves and eye/face protection.
P264: Wash with plenty of soap and water thoroughly after handling.
P302 + P352: IF ON SKIN: Wash with plenty of water.
P332 + P313: If skin irritation occurs: Get medical advice.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P337 + P313: If eye irritation persists, Get medical attention.
Potential Health Hazards: Eyes: May cause mild irritation. Eyes may water profusely.
Inhalation: May cause respiratory irritation in susceptible individuals. May cause shortness of breath, sneezing, and coughing. Long-term inhalation of excessing dust may cause delayed lung injury.
Skin: May cause irritation and redness for susceptible individuals.
Ingestion: May cause irritation if large amounts are swallowed. Nausea and stomach pain may occur. There may be vomiting and diarrhea.

NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Sodium gluconate	527-07-1	100%	218.13

4 FIRST AID MEASURES

Eyes: Flush eyes with water, lifting upper and lower lids occasionally, for 15 minutes. If irritation persists, seek medical attention.

Inhalation: Move person away from exposure. If having difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration and seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical attention.

Ingestion: Contact physician or POISON CONTROL CENTER immediately. Do Not Induce Vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (water, carbon dioxide, foam, halogen) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Not applicable
Specific hazards arising from the chemical:	In combustion, emits toxic fumes of carbon dioxide/carbon monoxide. May form combustible dust. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not create dust. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Collect as much as possible for use or disposal in a properly labeled container. Flush remainder into normal drainage with copious amounts of water.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure there is sufficient ventilation in the area. Avoid generating dust. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Suitable packaging: paper, plastic or poly lined bags or drums. Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium gluconate	4 mg/m ³	8-hour TWA	UK
	5 mg/m ³	8-hour TWA	USA

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Safety goggles should be worn.
Inhalation:	Provide sufficient ventilation of the area. Respirator with particle filter should be worn.
Body:	Protective gloves should be worn. Protective clothing should be worn.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granular powder	Vapor Pressure @ 25 °C:	7.23 x 10 ⁻¹⁸ mmHg/ 1x10 ⁻¹⁸ kPa
Odor:	Odorless	Vapor Density:	Unknown
Odor Threshold:	Not applicable	Evaporation Rate:	Not applicable
Color:	White to tan	Flammability:	Not applicable
Molecular Weight:	218.13	Upper/lower Explosive Limit:	Not applicable
pH:	6.8-7.2 (10% aq. Solution)	Flash Point:	Not applicable
Boiling Point:	Not applicable	Specific Gravity:	No data available
Melting Point:	192-202 °C	Solubility in Water @ 25 °C:	Highly soluble, 5.9x10 ⁵ mg/L
Relative Density:	945 kg/m ³ granular 705 kg/m ³ powder	Auto-ignition Temperature:	Not applicable
Partition Coefficient: n-	No data available	Decomposition Temperature:	>210 °C

octanol/water:			
Viscosity:	Not applicable	Explosive Properties:	No data available
Oxidizing Properties:	Non-oxidizing	Freezing Point:	No data available
Combustible Dust (K _{st}):	Category 1 (45 bar m/s)		

10 STABILITY AND REACTIVITY

Reactivity:	Stable under recommended transport and storage conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Hazardous reactions will not occur under normal conditions.
Conditions to Avoid:	Direct sunlight, moist air, humidity.
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	In combustion, emits toxic fumes of carbon dioxide/carbon monoxide.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	LD50: 7630 mg/kg May cause irritation and redness for susceptible individuals.
Eyes:	May cause mild irritation. Eyes may water profusely.
Respiratory:	May cause respiratory irritation in susceptible individuals. May cause shortness of breath, sneezing, and coughing. Long-term inhalation of excessive dust may cause delayed lung injury. LD50: >2000 mg/kg
Ingestion:	May cause irritation if large amounts are swallowed. Nausea and stomach pain may occur. There may be vomiting and diarrhea.
Carcinogenicity:	Not listed as a carcinogen by IARC, ACGIH, NTP, or OSHA).
Teratogenicity:	Not applicable
Germ Cell Mutagenicity:	Not applicable
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	Not applicable
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50 (fish): >10000.0 mg/L (96h) ChV (Chronic Value) (fish): >100.0 mg/L
Aquatic Invertebrate:	LC50 (Daphnid): >1000.0 mg/L (48h) ChV (Daphnid): >100.0 mg/L
Terrestrial:	EC50 (Green Algal): >1000.0 mg/L (96h) ChV (Algal): >100.0 mg/L EC50 (Bacteria): >5000.0 mg/L
Persistence and Degradability:	Readily and rapidly biodegradable.
Bioaccumulative Potential:	Product does not bioaccumulate.
Mobility in Soil:	Accidental spillage may lead to penetration in the soil and groundwater; however, there is no evidence that this would cause adverse ecological effects.
PBT and vPvB Assessment:	This substance is not identified as a PBT substance.
Other Adverse Effects:	Not expected to cause significant environmental impact.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	In accordance with applicable regulations. Normally can be flushed down sewers.
Product Containers:	Contaminated containers must not be treated as household waste. Where practical, containers and packaging should be recycled by a licensed contractor.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not dangerous goods.
TDG (Transportation of Dangerous Goods, Canada):	Not dangerous goods.
IMDG (International Maritime Dangerous Goods):	Not dangerous goods. Marine Pollutant: NO
IATA (International Air Transport Association):	Not dangerous goods.
ICAO (International Civil Aviation Organization):	Not dangerous goods.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
DSL (Canada):	Yes
WHMIS (Canada):	No
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	Yes
China IECIC (06.30.2014):	No data available
Australia AICS:	Yes
Japan ENCS:	(2) 14-10
Philippines PICCS:	Yes
Korea ECL:	KE-17676
New Zealand NZIoC:	No data available
SARA 302 Components:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 Components:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards:	No SARA Hazards
Massachusetts RTK Components:	No components are subject to the Massachusetts Right to Know Act.
Pennsylvania RTK Components:	Sodium Gluconate (CAS 527-07-1)
New Jersey RTK Components:	Sodium Gluconate (CAS 527-07-1)
Rhode Island RTK Components:	Not listed.
California Prop. 65:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.
Europe:	Exemption from registration under REACH in accordance with Annex V. Commission Decision 96/335/EC establishing an inventory and a common nomenclature of ingredients employed in cosmetic products (INCI). Council Directive 76/768/EEC on the approximation of the laws of Member States relating to cosmetic products. Regulation (EC) No. 1223/2009 of the European Parliament and of the Council on cosmetic products. Directive 96/82/EC does not apply.
EC Number:	208-407-7

16 OTHER INFORMATION

Revision Date:	18-Jun-2021
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.