



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Zinc Gluconate USP

30-1248

Section 1: Identification

Product Name Zinc Gluconate USP
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available
Product Code 30-1248
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available
CFR 1910.1200
Signal Word NON-HAZARDOUS
Hazard Statement(s) Not available.
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention No available.
Response Not available
Storage Not available.
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Zinc gluconate trihydrate
% By Weight 100
CAS# 4468-02-4
Molecular Weight 509.7 g/mole
Chemical Formula C₁₂H₂₂ZnO₁₄·3H₂O
Synonym(s) D-gluconic acid zinc salt

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Zinc gluconate trihydrate	4468-02-4	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	Remove to fresh air.
Skin Contact	Wash skin with soap and water.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water
Symptoms/Effects	
Acute	Not available.
Delayed	Not available
Immediate Medical Attention	
Treat symptomatically.	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable Extinguishing Media

Do not scatter spilled material with high pressure water streams

Products of Combustion

Carbon dioxide (CO₂). Hydrogen chloride

Firefighters Special Equipment and Precautions

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental Release Measures

Personal precautions: Ensure adequate ventilation Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

Section 7: Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. Storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.
Engineering Controls	Showers Eyewash stations Ventilation systems
Personal Protection	Eye/face protection No special protective equipment required. Skin and body protection No special protective equipment required. Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	Solid. (Granular Powder.) Color: White. Beige.		
Odor	Odorless		
Odor Threshold	Not available		
Melting Point	Not available	pH	6.5
Freezing Point	Not available	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available	Vapor Density	Not available.
Decomposition temperature	155 - °C 311 °F	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	> 93.3 °C / 199.9 °F	Autoignition temperature	> 155 °C / 311 °F
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Soluble in water.		
Other	Molecular weight 455.68 + xH2O		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	None under normal processing
Conditions to Avoid	Not available
Incompatible Materials	Not available.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information**RTECS** ZH3750000**Acute Toxicity**

Oral LD50: > 5000 mg/kg (Rat)

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not available

Carcinogenicity

Not available

Reproductive Toxicity

Not available

Routes of Entry

Not available.

Symptoms Related to Exposure

Not available



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Potential Health Effects

Not available

Target Organ(s)

Not available

Section 12: Ecological Information

Ecotoxicity

Not available

Persistence and Degradability

Not available

Bioaccumulative Potential

Inherently biodegradable

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations

Waste Disposal

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation

Disposal of Container

Do not reuse empty containers

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: NONE Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE; Pennsylvania Right-To-Know, Hazardous substance List, Hazardous Substances and Special hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Massachusetts Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: NONE

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R38- Irritating to skin.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Safety glasses.

Section 16: Other Information

Not available.