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SECTION 1: IDENTIFICATION

Effective Date: 7/97
Product Name: ZINC GLUCONATE
CAS# 4468-02-4

SECTION 2: HAZARDOUS INGREDIENTS:

No toxic effects are known to be associated with inhalation of dust. It is not likely to irritate human skin. Some itching and redness may occur with minor pain if eye contact occurs. Considered generally safe for ingestion.

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	granular powder with slight caramel odor.
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	n/a
Solubility in water:(by weight)	2 g/ 100 ml @ 20°C
Melting Point:	n/a
Vapor Density:	n/a
Decomposition temp.	155°C

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	water spray, foam, carbon dioxide, dry chemical
Fire Fighting Procedures:	wear self-contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards:	none

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	none
Hazardous Decomposition or byproducts: carbon	thermal decomposition results in carbon monoxide, dioxide and oxides of calcium
Hazardous Polymerization:	will not occur

SECTION 6: HEALTH HAZARD DATA

Signs and symptoms of exposure: irritation of eyes, skin and respiratory tract

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage:	sweep or vacuum spill into containers for disposal according to local, state, and federal regulations
Disposal:	dispose of in approved disposal site according to local, state and federal regulations

SECTION 8: FIRST AID PROCEDURES**First Aid:**

Eyes:	Flush with water for 15 min. If itching or burning sensation develops, get medical attention.
Skin:	Change clothes and wash with soap and water
Inhalation:	Move to fresh air, give oxygen if breathing is difficult
Ingestion:	If conscious, give 2 glasses of water or milk

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions: Store in cool dry area. Keep container closed. Protect from damage. Cool containers exposed to flames with water spray. Wash with soap and water and change clothing after handling

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation: local exhaust
Eye Protection: safety goggles
Protective Gloves: impervious gloves
Respiratory Protection: self-contained breathing apparatus
Other Protective Gear: eyewash in work area

SECTION 11: TRANSPORT INFORMATION

DOT classification: none
DOT pictograms: