

MEDICAP® ZN

SYSTEMIC ZINC IMPLANTS

MATERIAL SAFETY DATA SHEET

<p style="text-align: center;">MANUFACTURER</p> <p>Creative Sales, Inc. P.O. Box 501 222 N. Park Avenue Fremont, NE 68025-0501 U.S.A.</p>	<p style="text-align: center;">EMERGENCY TELEPHONE NUMBERS</p> <p>Product Information: (402) 727-4800 Medical Emergency: (800) 759-7739</p>
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NFPA HAZARD RATING

Health 1
Reactivity ... 0

Flammability 0
Special Hazard ... NA

SECTION 1: GENERAL INFORMATION

Catalog NumberZN1210
Chemical Name & Syn.Zinc Sulfate
Trade Name & Syn.Zinc Sulfate, Dried, USP
Chemical FamilyMetal salt
FormulaO4S.Zn
DOT Shipping NameNot required (See comments)
DOT NumberNot applicable
CAS Number7733-02-0

SECTION 2: HAZARDOUS INGREDIENTS

- Zinc Sulfate
- Subject to the reporting requirements of Section 313 of the Emergency Planning and Community right to know act of 1986 and of 40CFR 372.

SECTION 3: PHYSICAL DATA

Boiling Point (CO)Decomposes @ 740
Melting Point (CO)NA
Specific Gravity (H2O=1)3.74
Vapor Pressure (mm Hg)NA
Percent Volatile by Vol (%) ...NA
Vapor Density (Air=1)NA
Evaporation Rate (BuAc=1) ...NA
Solubility in Water (200)Soluble
Appearance & OdorColorless to white odorless crystals or powder.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (FO)NA
Auto Ignition TemperatureNA
Flammable Limits LEL %NA
Flammable Limits UEL %NA
Extinguishing MediaCO2 foam or dry chemical.
Special Fire Fighting Proc.Follow normal safety procedures.
Unusual Fire & Explosion HazardsUpon decomposition it emits toxic fumes of SOx.

SECTION 5: HEALTH HAZARD DATA

ACGIH Threshold Limit ValueNot applicable, orl-hmn LDLo: 50 mg/kg
orl-rat LD50: 2200 mg/kg
Symptoms of ExposureHarmful if swallowed. Irritating to the skin
mucous membranes, respiratory tract, and lungs.
Contact with wounds may cause ulceration.
Medical Cond. Aggravated by Exp....Exposure can cause effects on the circulatory,
gastrointestinal and other metabolic systems.
Primary Route(s) of EntryInhalation, ingestion, skin contact.
Emergency First AidSkin: Flush thoroughly with water; wash with
copious amounts of water for fifteen minutes;
get medical attention. If respiratory failure
occurs, give artificial respiration.

SECTION 6: REACTIVITY DATA

StableYes
Conditions to Avoid.....Fire or excess heat.
Incompatibility.....Acid alkali or strong oxidizers.
Hazardous Polymerization.....Will not occur
Conditions to Avoid.....Not applicable
Hazardous Decomposition Products.....SOx

SECTION 7: ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response.....Avoid breathing dust. Use appropriate respirator, gloves,
goggles and lab coat. Carefully sweep up and contain.
Wash area with soap and water.
Waste Disposal Method.....Dispose of in an approved landfill or send to a licensed
treatment storage and disposal facility.

SECTION 8: SPECIAL PROTECTION INFORMATION

Eye Protection.....Goggles
 Skin Protection.....Rubber gloves
 Respiratory Protection.....Approved respirator
 Ventilation Recommended.....Provide adequate general mechanical and local Exhaust (75-100 CFM).
 Other Protection.....Lab coat

SECTION 9: SPECIAL PRECAUTIONS

Handling & Storage.....Keep container tightly closed. Store in the general chemical storage area. Protect against physical damage. Handle carefully.
 Other Precautions.....When handling large quantities, be sure to wear protective equipment.
 Comments.....When quantity is 1000 lbs (454 Kg) or greater, material is regulated as hazardous substance.
 DOT name: Hazardous substance, solid, n.o.s.
 ID #: NA 9188