

**Material Safety Data Sheet**

Zinc, granular

Section 1 - Chemical Product and Company Identification**MSDS Name:**

Zinc, granular

Catalog Numbers:

LC27060

Synonyms:**Company Identification:**LabChem, Inc.
200 William Pitt Way
Pittsburgh, PA 15238**Company Phone Number:**

(412) 826-5230

Emergency Phone Number:

(800) 424-9300

CHEMTREC Phone Number:

(800) 424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7440-66-6	Zinc	100

Section 3 - Hazards Identification**EMERGENCY OVERVIEW***Appearance: Silverwhite**This is expected to be a low hazard for usual industrial handling.**Target Organs: Noneknown.***Potential Health Effects****Eye:**

Maycauseeyeirritation.

Skin:

Maycauseskinirritation.

Ingestion:

Maycauseirritationofthedigestivetract.

Inhalation:

Maycauserespiratorytractirritation.



Material Safety Data Sheet

Zinc, granular

Chronic:

No information found.

Section 4 - First Aid Measures

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until no evidence of chemical remains. Get medical aid at once.

Skin:

Get medical aid. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion:

Get medical aid at once. If victim is unconscious, give 2-4 glasses of water to dilute material.

Inhalation:

Give artificial respiration if necessary. Get medical aid. Keep victim warm, at rest. Move victim to fresh air.

Notes to Physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:

Negligible fire and explosion hazard when exposed to heat or flame. Move container if possible, avoid breathing vapors or dust.

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Autoignition Temperature:

No information found.

Flash Point:

No information found.

NFPA Rating:

CAS# 7440-66-6: Not published.

Explosion Limits:

Lower: Upper:

Section 6 - Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Scoop material into suitable (plastic or glass) container, label for disposal.

Section 7 - Handling and Storage

Handling:

Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas.



Material Safety Data Sheet

Zinc, granular

Storage:

Store in a cool, dry area.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

There are no special ventilation requirements.

Exposure Limits

Chemical Name:	ACGIH	NIOSH	OSHA
Zinc	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

OSHA Vacated PELs**Personal Protective Equipment****Eyes:**

Wear splash-proof safety goggles.

Skin:

Protective garments not normally required.

Clothing:

Protective garments not normally required.

Respirators:

Not required for normal use.

Section 9 - Physical and Chemical Properties

Physical State: Granules

Color: Silverwhite

Odor: Odorless

pH: No information found.

Vapor Pressure: No information found.

Vapor Density: No information found.

Evaporation Rate: No information found.

Viscosity: No information found.

Boiling Point: 907°C (1,664.60°F)

Freezing/Melting Point: 419°C (786.20°F)

Decomposition Temperature: No information found.

Solubility in water: Insoluble.

Specific Gravity/Density: 7.41

Molecular Formula: No information found.

Molecular Weight: No information found.



Material Safety Data Sheet

Zinc, granular

Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Acids.

Incompatibilities with Other Materials

Acids.

Hazardous Decomposition Products

Reacts with acids to produce hydrogen gas.

Hazardous Polymerization

Has not been reported

Section 11 - Toxicological Information

RTECS:

CAS# 7440-66-6: ZG8600000.

LD50/LC50:

CAS# 7440-66-6:
No information found.

Carcinogenicity:

CAS# 7440-66-6: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:

May cause irritation to respiratory tract, eyes, skin, gastrointestinal tract.

Teratogenicity:

Reproductive:

Mutagenicity:

Neurotoxicity:

Section 12 - Ecological Information

No information found.

Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.

Section 14 - Transport Information

US DOT

Shipping Name: Not regulated.

Hazard Class:



Material Safety Data Sheet

Zinc, granular

UN Number:

Packing Group:

Section 15 - Regulatory Information

US Federal

TSCA

CAS#7440-66-6 is listed on the TSCA Inventory.

SARA Reportable Quantities (RQ)

CAS#7440-66-6: final RQ = 1000 pounds (454 kg) (no reporting of releases of this hazardous substance)

CERCLA/SARA Section 313

This material contains Zinc (CAS#7440-66-6, 100%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

OSHA - Highly Hazardous

None of the components are on this list.

US State

State Right to Know

Zinc can be found on the following state Right-to-Know lists: California, New Jersey, Florida, Pennsylvania, Massachusetts.

California Regulations

European/International Regulations

Canadian DSL/NDSL

CAS# 7440-66-6 is listed on Canada's DSL List.

Canada Ingredient Disclosure List

CAS# 7440-66-6 is not listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: September 6, 1998

Revision Date: August 7, 2008

Information in this MSDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and LabChem Inc. assumes no liability resulting from the use of this MSDS. The user must determine suitability of this information for his application.