MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
PRODUCT NAME: Zinc Metal  FORMULA: Zn
ACTIVE INGREDIENT: Zinc

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: Zinc  NATURE OF HAZARD: Toxic if ingested

SECTION III. PHYSICAL DATA
BOILING POINT: 907° C  MELTING POINT: 420° C
VAPOR PRESSURE (mm Hg): 1mm at 487° C  SPECIFIC GRAVITY: 7.13
VAPOR DENSITY (AIR = 1): Not applicable  PERCENTAGE VOLATILE BY VOLUME (%): 0
WATER SOLUBILITY: Insoluble  EVAPORATION RATE: 0
APPEARANCE: Bluish - white metal

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (method used): FLAMMABLE LIMITS
(°F) Non flammable  Non flammable
Uel  Lel
FIRE EXTINGUISHING MEDIA: Dry chemical
SPECIAL FIRE-FIGHTING PROCEDURES: No special procedures

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: LDS0 (Mice) = 15 mg/kg (Intraperitoneal)
HEALTH HAZARDS: 1. Toxic if ingested
                  2. Explosive if high levels of dust exposed to fire.
FIRST AID PROCEDURES:
SECTION VI. REACTIVITY DATA

STABILITY: UNSTABLE STABLE CONDITIONS TO AVOID X

INCOMPATIBILITY (materials to avoid): None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

POLYMERIZATION: WILL NOT OCCUR X

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: No special procedures

WASTE DISPOSAL METHOD: Separate from acidic solutions

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): None

VENTILATION: LOCAL X SPECIAL

MECHANICAL (general) OTHER

PROTECTIVE GLOVES: None EYE PROTECTION: None

OTHER PROTECTIVE EQUIPMENT:

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: No special procedures

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: R. L. Blaine TITLE: Manager, Applications Development

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