MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: Indium Metal FORMULA: In
SYNONYM OR CROSS REFERENCE: Indium

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: Indium NATURE OF HAZARD: Toxic if Ingested

SECTION III. PHYSICAL DATA
BOILING POINT: 2000°C MELTING POINT: 156.61°C
VAPOR PRESSURE (mm Hg): 0 SPECIFIC GRAVITY: 7.3
VAPOR DENSITY (AIR = 1): PERCENTAGE VOLATILE BY VOLUME (%): 0
WATER SOLUBILITY: Insoluble EVAPORATION RATE: Not Applicable
APPEARANCE: Silvery-white metal

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (method used): FLAMMABLE LIMITS 1. Fire hazard when high levels of dust exposed to fire.
(°F) Not Applicable Not Determined 2. Explosive if high levels of dust exposed to fire.
FIRE EXTINGUISHING MEDIA: Dry Chemical, water, foam, dry powder, Co₂
SPECIAL FIRE-FIGHTING PROCEDURES: Self-contained breathing apparatus

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: LDLo (Rat) = 10 mg/kg (oral)
FIRST AID PROCEDURES: Skin: Flush with water, Ingestion: Induce vomiting and call physician
SECTION VI. REACTIVITY DATA

STABILITY: UNSTABLE
STABLE

CONDITIONS TO AVOID: X

INCOMPATIBILITY (materials to avoid): Mineral Acids

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: MAY OCCUR
WILL NOT OCCUR: X

CONDITIONS TO AVOID:

SECTION VII. SPILL AND DISPOSAL PROCEDURES

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

WASTE DISPOSAL METHOD: See local disposal regulations for toxic metal

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): (for dusty environment) Full respiratory pack

VENTILATION:
LOCAL: X
SPECIAL
MECHANICAL (general) OTHER

PROTECTIVE GLOVES: Gloves recommended
EYE PROTECTION: Safety glasses recommended

OTHER PROTECTIVE EQUIPMENT:

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Keep away from extreme heat

SECTION X. MISCELLANEOUS INFORMATION

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

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