MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT
CHEMICAL NAME: Nickel FORMULA: Ni
SYNONYM OR CROSS REFERENCE: None Known

SECTION II. HAZARDOUS INGREDIENTS
MATERIAL: Nickel Wire NATURE OF HAZARD: Skin irritation

SECTION III. PHYSICAL DATA
BOILING POINT: 2730°C MELTING POINT: 1453°C
VAPOR PRESSURE (mm Hg): 0 SPECIFIC GRAVITY: 8.908
VAPOR DENSITY (AIR = 1): Not applicable PERCENTAGE VOLATILE BY VOLUME (%): 0
WATER SOLUBILITY: Insoluble EVAPORATION RATE: 0
APPEARANCE: Silver metallic element, odorless

SECTION IV. FIRE AND EXPLOSION HAZARD DATA
FLASH POINT (method used): FLAMMABLE LIMITS
(°F) Nonflammable Uel Lel
Not Applicable
FIRE EXTINGUISHING MEDIA: Dry Chemical, Dry sand or Dry Ground Dolomite
SPECIAL FIRE-FIGHTING PROCEDURES: No special procedures

SECTION V. HEALTH HAZARD
THRESHOLD LIMIT VALUE: OSHA (PEL): 1mg/M³, ACGIH (TLU): 0.05 mg/M³
HEALTH HAZARDS: May cause a skin sensitization reaction causing itching, burning, erythema and eczema.

FIRST AID PROCEDURES: Minimize skin contact. Call physician if irritation persists.
SECTION VI. REACTIVITY DATA

STABILITY: UNSTABLE X STABLE
CONDITIONS TO AVOID Non compatibles

INCOMPATIBILITY (materials to avoid): Acids, oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen released from acid contact

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR
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: No special procedures

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): High efficiency particle respirator

VENTILATION: LOCAL X SPECIAL
MECHANICAL (general) OTHER

PROTECTIVE GLOVES: Rubber gloves recommended
EYE PROTECTION: Safety glasses recommended

OTHER PROTECTIVE EQUIPMENT:

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: 1. Good housekeeping

SECTION X. MISCELLANEOUS INFORMATION

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

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