



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Germanium

PROUDUCT CLASSFIES AS: NON-HAZARDOUS

WARNING STATEMENT: None considered necessary

SECTION 1 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NA (*)

VAP. PRESSURE: NA

VAP. DENSITY: (AIR-1): NA

APPEARANCE: GRAY

ODOR: NA

SOL IN WATER: INSOLUBLE

SP. GRAVITY: 5.3500g/cm³

% VOLATILE (BY VOL): 0

SECTION 2 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA

EXTINGUISHING MEDIA: NA

SPECIAL FIRE FIGHTING EQUIPMENT AND HAZARDS: As in any fire wear a self-contained breathing apparatus. Use agent most appropriate to extinguish fire. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

SECTION 3 – REACTIVITY DATA

STABILITY: Stable compound under normal temperatures and pressures

INCOMPATIBILITY: Strong oxidants, strong oxidizing agents, halogens.

HAZARDOUS DECOMPOSITION PRODUCTS: Irritating toxic fumes and gases

HAZARDOUS POLYMERIZATION: NA

(*NA) = Not Applicable

SECTION 4 – SPILL, LEAK AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS: Contain spill. Clean up and transfer spilled material to separate container for recovery or disposal.

WASTE DISPOSAL METHOD: Dispose of in a manner consistent with federal, state and local regulations.

SECTION 5 – FIRST AID PROCEDURES

EYES: Flush with flowing water for 15 minutes, occasionally lifting the upper and lower lids.

SKIN: Flush with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

INHALATION: If ill effects develop, remove person to fresh air immediately. Seek medical help.

INGESTION: Do NOT induce vomiting. Allow the victim to rinse his mouth and then to drink 2-4 cupfuls of water, and seek medical advice.

(*NA) = Not Applicable

SECTION 6 – SPECIAL HANDLING INFORMATION

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.

SECTION 7 – SPECIAL PRECAUTIONS & ADDITIONAL INFORMATION

Store in a cool, dry place. Keep container closed when not in use.

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(*NA) = Not Applicable