MERCURY GLASS THERMOMETER

MSDS Number

BBDRR

National Stock Number

6810-00D000999

Product Name

MERCURY GLASS THERMOMETER

Manufacturer

JAY INSTRUMENT AND SPECIALTY CO

Product Identification

Product ID:MERCURY GLASS THERMOMETER
MSDS Date:01/01/1987
FSC:6810
NIIN:00D000999
MSDS Number: BBDRR

Responsible Party

JAY INSTRUMENT AND SPECIALTY CO.

555 N. WAYNE AVE

CINCINNATI , OH 45215-2871

US

Emergency Phone: NONE KNOWN

Cage: EO074

Contractor

JAY INSTRUMENT AND SPECIALTY CO.

CINCINNATI, OH 45215-2871

US

513-733-5215

Cage: EO074

Ingredients

MERCURY (SARA III)

CAS: 7439-97-6

RTECS: OV4550000

Fraction By Weight: 100%

OSHA PELS, C, 0.1 MG/M3

ACGIH TLV: S, 0.05 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

Effects of Overexposure:SKIN:DERMATITIS& ALLERGIC SENSITIZATION;EYES:MUCOUS MEMBRANE IRRITANT;INGEST:GUM&MOUTH INFLAMMATION

First Aid

First Aid:INHALE:REMV TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;ING:RINSE MOUTH; GET

MED.ATT. FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVER EXPOSURE.CONSULT PHYS. AT ONCE IN CASE,SKIN CONTACT OR INGEST.OR INHAL.

Fire Fighting

Flash Point:NONE
Extinguishing Media:USE SUITABLE MEDIA FOR SURROUNDING FIRES.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN A ENCLOSED AREA
Unusual Fire/Explosion Hazard:MERCURY IS NOT COMBUSTIBLE BUT WILL EVAPORATE RAPIDLY WHEN HEATED CREATING TOXIC FUMES.

Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION.VACUUM AT ONCE;DO NOT DRY SWEEP,RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions:ALWAYS KEEP MERCURY STORED IN A SEALED CONTAINER AWAY FROM HEAT.
Other Precautions:AVOID CONTACT WITH SKIN AND EYES.DO NOT INHALE/INGEST VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE/OR AFTER HG EXPOSURE NO FOOD STUFFS SHOULD BE PRESENT IN MERCURY AREA.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR MERCURY VAPOR/DUST.
Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION
Supplemental Safety and Health
MSDS UNDATED:EFFECTS OF OVEREXPOSURE;INHALE:IRRITABILITY & TREMORS;HG ACCUMULATE IN KIDNEY CAN CAUSE URINARY ABNORMALITIES:

Chemical Properties

HCC:Z2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=357.2C, 675.F
Vapor Pres:Vapor Density:1.01
Spec Gravity:13.59
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE
Appearance and Odor:SILVER METALLIC LIQUID-NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES
GOLD AND SILVER
Stability Condition to Avoid:HEAT
Hazardous Decomposition Products:MERCURY FUMES AND MERCURY COMPOUNDS ARE IN INDUSTRIAL POISON

Disposal

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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