

## **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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