

THERMOMETER-INDUSTRIAL 5,7,9 OR 12" CASE

MSDS Number

BKCDX

National Stock Number

6685-00-291-0994

Product Name

THERMOMETER-INDUSTRIAL 5,7,9 OR 12" CASE

Manufacturer

WEISS INSTRUMENTS INC

Product Identification

Product ID:THERMOMETER-INDUSTRIAL 5,7,9 OR 12" CASE

MSDS Date:10/26/1990

FSC:6685

NIIN:00-291-0994

MSDS Number: BKCDX

Responsible Party

WEISS INSTRUMENTS INC

85 BELL ST

WEST BABYLON , NY 11704-1086

US

Emergency Phone: 516-752-1655/CHEMTREC 800-424-9300

Cage: 14449

Contractor

WEISS INSTRUMENTS INC

HOLTSVILLE, NY 11742

US

631-207-0900

Cage: 14449

Ingredients

MERCURY (SARA III)

CAS: 7439-97-6

RTECS: OV4550000

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-INHALATION OF MERCURY VAPOR CAN CAUSE KIDNEY,LIVER & CENTRAL NERVOUS SYSTEM DAMAGE.SYMPTOMS ARE COUGH,FEVER,METALLIC TASTE.CHRONIC-MAY CAUSE TREMORS,IRRITABILITY,KIDNEY,LIVER & CNS DAMAGE.

Explanation of Carcinogenicity:MERCURY IS NOT LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure: PERSONS WITH CHRONIC DISEASE OR IN POOR HEALTH SHOULD BE EXCLUDED FROM MERCURY WORK AREA.

First Aid

First Aid: CONSULT A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point: NON FLAMMABLE
Extinguishing Media: MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard: MERCURY IS NOT COMBUSTIBLE, BUT WILL VAPORIZE RAPIDLY WHEN HEATED, CREATING TOXIC FUMES.

Accidental Release

Spill Release Procedures: TAKE UP WITH ABSORBENT MATERIALS, AND PLACE IN CONTAINER FOR LATER DISPOSAL OR RECLAMATION.
Neutralizing Agent: NONE

Handling

Handling and Storage Precautions: STORAGE-STORE IN SEALED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT. INSPECT THERMOMETER FOR DAMAGE.
Other Precautions: THIS CHEMICAL IS SUBJECT TO SARA SECTION 313 REPORTING. PROVIDE REPLACEMENT AND PERIODIC MEDICAL EXAMS FOR THOSE REGULARLY EXPOSED TO MERCURY, WITH EMPHASIS ON CNS, SKIN, LUNGS, LIVER, KIDNEYS AND G.I. TRACT.

Exposure Controls

Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS OR MASKS.
Ventilation: PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.
Protective Gloves: RUBBER
Eye Protection: CHEMICAL SAFETY GOGGLES
Other Protective Equipment: SEPARATE WORK AND STREET CLOTHING. STORE WORK CLOTHING IN SPECIAL LOCKERS. SHOWER BEFORE CHANGING TO STREET CLOTHES.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health

Chemical Properties

HCC: Z2
Boiling Pt: =357.8C, 676.F
Melt/Freeze Pt: =-38.9C, -38.F
Vapor Pres: 0.0019
Vapor Density: 7
Spec Gravity: 13.54
Evaporation Rate & Reference: NOT GIVEN
Solubility in Water: INSOLUBLE
Appearance and Odor: SILVER WHITE LIQUID-ODORLESS

Stability

Stability Indicator/Materials to Avoid: YES
MERCURY WILL READILY FORM AMALGAMS WITH SILVER & GOLD.
Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES
Hazardous Decomposition Products: MERCURY FUMES AND MERCURY COMPOUNDS ARE INDUSTRIAL POISONS.

Disposal

Waste Disposal Methods: DO NOT INCINERATE - RETURN TO RECLAMATION

CENTER. DISPOSAL OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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