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Product ID: THERMOMETER-INDUSTRIAL 5,7,9 OR 12" CASE MSDS Date:10/26/1990 FSC:6685 NIIN:00-242-2158 MSDS Number: BTHLX === Responsible Party === Company Name:WEISS INSTRUMENTS INC Address:85 BELL ST **City:WEST BABYLON** State:NY ZIP:11704-1086 Country:US Info Phone Num:516-752-1655 Emergency Phone Num:516-752-1655,800-424-9300(CHEMTREC) Preparer's Name:NONE CAGE:14449 === Contractor Identification === **Company Name:WEISS INSTRUMENTS INC** Address:905 WAVERLY AVE Box:City:HOLTSVILLE State:NY ZIP:11742 Country:US Phone:631-207-1200/ FAX: 631-207-0900 CAGE:14449

Ingred Name:MERCURY (SARA III) CAS:7439-97-6 RTECS #:OV4550000 Fraction by Wt: 100% Other REC Limits:NONE RECOMMENDED OSHA PEL:S, C, 0.1 MG/M3 ACGIH TLV:S, 0.05 MG/M3; 9394 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: THERMOMETER CONTAINS SMALL AMOUNT OF MERCURY ENCLOSED IN A GLASS TUBE. HAZARDOUS ONLY IF BROKEN. FOR MERCURY ITSELF: ACUTE: INHALATION OF HIGH CONCENTRATIONS OF MERCURY V APOR CAN CAUSE KIDNEY, LIVER, C NS DAMAGE. CHRONIC: EXPOSURE TO MERCURYOVER LONG PERIOD OF TIME MAY CAUSE TREMORS, IRRITABILITY, KIDNEY, LIVER, CNS DAMAGE. Explanation of Carcinogenicity:NONE Effects of Overexposure: FOR MERCURY ITSELF: ACUTE POISONING THROUGH MASSIVE INHALATION OF MERCURY FUMES IS RARE. SYMPTOMS ARE, COUGH, FEVER, METALLIC TASTE. CHRONIC EXPOSURE OVER A LONG PERIOD OF TIME MAY CAUSE TREMORS, IRRI TABILITY, KIDNEY, LIVER, AND CENTRAL NERVOUS SYSTEM DAMAGE. Medi cal Cond Aggravated by Exposure: PERSONS WITH CHRONIC DISEASE OR IN POOR HEALTH, SHOULD BE EXCLUDED FROM MERCURY WORK AREA. First Aid: FOR MERCURY ITSLF: GET MEDICAL ATTENTION IF EXPOSED TO MERCURY FUMES OR INGESTED MERCURY LIQUID. Flash Point:NON-FLAMMABLE Extinguishing Media:NOT COMBUSTIBLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE. **Fire Fightin** g Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF. Unusual Fire/Explosion Hazard: MERCURY IS NOT COMBUSTIBLE, BUT WILL VAPORIZE RAPIDLY WHEN HEATED, CREATING TOXIC FUMES.

Spill Release Procedures: TAKE UP WITH ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR LATER DISPOSAL OR RECLAMATION. Neutralizi ng Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions: HANDLE AND STORE THERMOMETER WITH CARE. Other Precautions: INSPECT THERMOMETER FOR DAMAGE BEFORE HANDLING OR STORAGE. Respiratory Protection: NONE NORMALLY REQUIRED FOR MERCURY THERMOMETER. IF RESPIRATORY PROTECTION NEEDED FOR MERCURY USE A NIOSH/MSHA CERTIFIED RESPIRATOR OR MASK. Ventilation: NONE NORMALLY REQUIRED FOR MERCURY THERMOMETER. Protective Gloves: NONE REQUIRED FOR MERCURY THERMOMETER. Eye Protection: NONE REQUIRED FOR MERCURY THERMOMETER. Other Protective Equipment: NONE NORMALLY REQUIRED FOR THERMOMETER. Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. Supplemental Safety and Health MERCURY IS A PROBLEM ONLY IF THERMOMETER IS BROKEN AND MERCURY RELEASED. THERMOMETER CONTAINS APPROXIMATELY 0.45 CC OF ME RCURY. HCC:Z2 Boiling Pt:B.P. Text:676F,358C Melt/Freeze Pt:M.P/F.P Text:-38F,-39C Vapor Pres:0.0019 Vapor Density:7.0 Spec Gravity:13.54 Solubility in Water: INSOLUBLE Appearance and Odor: SILVER WHITE LIQUID METAL IN GLASS. ODORLESS.

Stability Indicator/Materials to Avoid:YES MERCURY FORMS AMALGAMS WITH SILVER AND GOLD. Stability Condition to Avoid:EXTREMEL Y HIGH TEMPERATURES BEYOND MEASURING RANGE OF THERMOMETER Hazardous Decomposition Products:MERCURY FUMES AND MERCURY COMPOUNDS ARE INDUSTRIAL POISONS. Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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