

WEISS INSTRUMENTS INC -- THERMOMETER-INDUSTRIAL 5,7,9 OR 12" CASE -- 6685-00-242-2158

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Product Identification
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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

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Composition/Information on Ingredients
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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

===== Hazards Identification =====

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

VAPOR CAN CAUSE KIDNEY, LIVER, CNS DAMAGE. CHRONIC: EXPOSURE TO MERCURY OVER 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, IRRITABILITY, KIDNEY, LIVER, AND CENTRAL NERVOUS SYSTEM DAMAGE.

Medical

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

===== First Aid Measures =====

First Aid:FOR MERCURY ITSELF: GET MEDICAL ATTENTION IF EXPOSED TO MERCURY FUMES OR INGESTED MERCURY LIQUID.

===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE

Extinguishing Media:NOT COMBUSTIBLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting

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.

===== Accidental Release Measures =====

Spill Release Procedures:TAKE UP WITH ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR LATER DISPOSAL OR RECLAMATION.

Neutralization

ing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:HANDLE AND STORE THERMOMETER WITH CARE.

Other Precautions:INSPECT THERMOMETER FOR DAMAGE BEFORE HANDLING OR STORAGE.

===== Exposure Controls/Personal Protection =====

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 MERCURY.

===== Physical/Chemical Properties =====

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 and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

MERCURY FORMS AMALGAMS WITH SILVER AND GOLD.

Stability Condition to Avoid:EXTREME

LY 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.

===== Disposal Considerations =====

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

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