

WEISS INSTRUMENTS INC -- THERMOMETER, INDUSTRIAL -- 6685-00-245-7706

===== Product Identification =====

Product ID:THERMOMETER, INDUSTRIAL
MSDS Date:10/26/1990
FSC:6685
NIIN:00-245-7706
MSDS Number: BJKWV
=== Responsible Party ===
Company Name:WEISS INSTRUMENTS INC
Address:85 BELL ST
City:WEST BABYLON
State:NY
ZIP:11704-1003
Country:US
Info Phone Num:516-752-1655
Emergency Phone Num:516-752-1655
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

===== Composition/Information on Ingredients =====

Ingred Name:MERCURY (SARA III)
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.45% CC
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, C, 0.1 MG/M3
ACGIH TLV:S, 0.05 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

=====

==== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:PRODUCT IS HAZARDOUS ONLY IF BROKEN.

MERCURY EXPOSURE: ACUTE: MERCURIALISM CAN OCCUR FROM INHALATION OF VERY LARGE CONCENTRATIONS OF MERCURY VAPOR. CHRONIC: MERCURIALISM CAN OCCUR FROM REPEATED AND PROLONGED EXPOSURES OF MODERATE LEVELS OF MERCURY VAPOR. ABSORPTION MAY ALSO OCCUR THROUGH THE SKIN.

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

Effects of Overexposure:METALLIC TASTE, TREMORS, PARALYSIS, LOSS OF MEMORY AND CHRONIC RENAL DISEASE, GUM DISEASE, CONSTRICTION OF VISUAL FIELD, AND STRONG DISINCLINATION TO WORK, MENTAL FATIGUE, IRRITABILITY, EXCITABILITY, HEADACHES, DIGESTIVE DISTURBANCE, TIMIDITY, LOSS OF APPETITE AND THE NEED FOR UNUSUAL AMOUNT OF DENTAL WORK.

Medical Cond Aggravated by Exposure:P

PEOPLE WITH CHRONIC DISEASES OR

POOR HEALTH SHOULD BE EXCLUDED FROM MERCURY EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: FLUSH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES AND LAUNDRY BEFORE REUSE. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE BREAKAGE

OF THE GLASS AND THE PRODUCTION OF TOXIC MERCURY VAPORS.

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

Spill Release Procedures: MERCURY SPILL: PICK UP WITH VACUUM EQUIPMENT SPECIFICALLY DESIGNED FOR MERCURY PICK UP.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORE IN SEALED CONTAINERS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: THIS CHEMICAL IS SUBJECT TO SARA SECTION 313 REPORTING.

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

Respiratory Protection: RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation: PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.

Prot

ective Gloves: RUBBER

Eye Protection: SAFETY GOGGLES

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS. *

MFR ORIGINALLY SUPPLIED MSDS FROM ARROW CHEMICAL COVERING METALLIC MERCURY ON AN OSHA 20 FORM. TELEPHONE CALL RESULTED IN THIS MSDS.

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

=====

HCC: N1

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: NEGLIGIBLE

Appearance and Odor: SILVER WHITE LIQUID METAL SEALED IN GLASS, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

MERCURY FORMS AMALGAMS WITH SOME METALS, I.E. SILVER, GOLD, ALUMINUM.

Stability Condition to Avoid: NONE GIVEN BY MANUFACTURER (SUPPLIER).

BREAKAGE OF THE GLASS.

Hazardous Decomposition Products:DOES NOT DECOMPOSE. WILL PRODUCE TOXIC MERCURY VAPOR UPON HEATING.

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

Waste Disposal Methods:DO NOT INCINERATE. DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. SEND TO AN APPROPRIATE RECLAMATION CENTER.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of De

fense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.