

WEKSLER INSTRUMENTS CORP -- MERCURY IN GLASS THERMOMETER -- 6685-00-242-2184  
===== Product Identification =====

Product ID:MERCURY IN GLASS THERMOMETER  
MSDS Date:06/23/1999  
FSC:6685  
NIIN:00-242-2184  
Status Code:A  
MSDS Number: CJGSX  
=== Responsible Party ===  
Company Name:WEKSLER INSTRUMENTS CORP  
Address:80 MILL ROAD  
Box:808  
City:FREEPORT  
State:NY  
ZIP:11520-0808  
Country:US  
Info Phone Num:516-623-01  
00  
Emergency Phone Num:516-623-0100/800-424-9300(CHEMTREC)  
Resp. Party Other MSDS Num.:NONE  
Preparer's Name:DSCR-VBA  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:64467  
=== Contractor Identification ===  
Company Name:WEKSLERIGLASS THERMOMETER CORP  
Address:80 MILL ROAD  
Box:City:FREEPORT  
State:NY  
ZIP:11520  
Country:US  
Phone:516-623-0100  
CAGE:64467

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

Inged Name:MERCURY (SARA III)  
CAS:7439-97-6  
RTECS #:OV4550000  
Fraction by Wt: 100% %  
Othe

r REC Limits:NONE SPECIFIED  
OSHA PEL:S, C, 0.1 MG/M3  
Code:F  
ACGIH TLV:S, 0.05 MG/M3; 9192  
Code:F  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
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 HIGH LEVELS CAN  
LEAD TO SEVERE RESPIRATORY IRRITATION, CHEST PAINS, COUGHING AND  
BREATHING DIFFICULTIES. CNS, KIDNEY AND/OR LIVER DAMAGE MAY OCCUR.  
CHRONIC: GUM, MOUTH INFLAMMATION, EXCESS SALIVATION, METALLIC  
TASTE, GINGIVITIS, IRRITABILITY, TREMORS, DEPRESSION, STOMATITIS,  
NERVOUSNESS  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY  
CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:RESPIRATORY IRRITATION, CHEST PAINS, COUGHING,  
BREATHING DIFFICULTIES, CNS DAMAGE, KIDNEY/LIVER DAMAGE, GUM/ MOUTH  
INFLAMMATION, EXCESS SALIVATION, METALLIC TASTE, GINGIVITIS,  
IRRITABILITY, TREMORS, DEPRESSION, STOMATITIS, NERVOUSNESS,  
PERSONALITY CHANGES.  
Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC DISEASES SUCH  
AS TUBERCULOSIS, KIDNEY DISEASE, LIVER DISEASE AND ALCOHOLISM OR  
ARE IN POOR PHYSICAL CONDITION SHOULD BE EXCLUDED FROM CONTINUOUS  
EXPOSURE TO MERCURY VAPORS.

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

First Aid:CONTACT A QUALIFIED PHYSICIAN.  
INHALATION: REMOVE TO FRESH  
AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING  
DIFFICULT, GIVE OXYGEN. EYES: OCCASIONAL CONTACT USUALLY HARMLESS  
IF WASHED OUT IMMEDIATELY. FLUSH WITH WATER FOR 15 MINUTES. SKIN:  
WASH EXPOSED AREA WITH SOAP AND WATER. CAN BE ABSORBED THROUGH THE  
SKIN. INGESTION: USUALLY HARMLESS. DO NOT INDUCE VOMITING.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text

:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE  
Fire Fighting Procedures:APPROPRIATE FOR SURROUNDING FIRE  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:USE APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING. CLEAN UP SPILLS IMMEDIATELY WITH VACUUM EQUIPMENT THAT HAS A FILTERED EXHAUST. DO NOT DRY SWEEP. DECONTAMINATE WITH A MERCURY DECONTAMINANT. REPORTABLE QUANTITY (RQ) IS 1 POUND.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:HANDLE AND STORE THERMOMETER WITH PROPER CARE.  
Other Precautions:MERCURY WILL READILY FORM AMALGAMS WITH GOLD AND SILVER.

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

Respiratory Protection:IF MERCURY SPILLAGE & PEL IS EXCEEDED. RESPIRATORY PROTECTION SHOULD BE NIOSH-MESA CERTIFIED.  
Ventilation:FOR MERCURY TO KEEP CONCENTRATIONS BELOW PEL. LOCAL EXHAUST AT THE POINT OF ORIGIN. MECHANICAL ALSO RECOMMENDED.  
Protective Gloves:IMPERVIOUS  
Eye Protection:GLASSES OR GOGGLES  
Other Protective Equipment:TIGHTLY WOVEN (IE, TYVEK) WORK CLOTHING FITTING CLOSELY ABOUT NECK, WRISTS AND ANKLES SHOULD BE WORN.  
Work Hygienic Practices:NO FOOD, FOOD STUFFS, OR TOBACCO PRODUCTS SHOULD BE PRESENT IN MERCURY AREAS. NO SMOKING OR EATING IN MERCURY AREAS.  
Supplemental Safety and Health CLOTHING SHOULD BE REMOVED AND WASHED FREQUENTLY.

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

HCC:Z2  
Boiling Pt:B.P. Text:675F,357C  
Melt/Freeze Pt:M.P/F.P Text:-38F,-39C  
Vapor Pres:0.0012  
Vapor Density:1.015  
Spec Gravity:13.59  
Evaporation Rate & Reference:DEPENDS ON TEMP AND PRESS  
Appearance and Odor:SILVER METALLIC LIQUID, MOBILE AND ODORLESS

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

Stability

Indicator/Materials to Avoid: YES

HALOGENS, NITRIC ACID, AMMONIA GAS, ALUMINUM, ACETYLENE AND ACETYLENE PRODUCTS.

Stability Condition to Avoid: HIGH TEMPERATURES AND OPEN FLAMES.

Hazardous Decomposition Products: MERCURY VAPORS

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

Waste Disposal Methods: REMOVE MERCURY AND MATERIALS THAT HAVE COME IN CONTACT WITH MERCURY TO PROPER DISPOSAL AREA. MERCURY IS RECYCLABLE. DO NOT PUT IN GARBAGE, FLUSH IN SEWER, OR INCINERATE.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGS.

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

This information is formulated for use by elements of the Department of Defense. 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.