

WEKSLER INSTRUMENTS CORP. -- THERMOMETER, MIL-T-2863 -- 6685-00-263-1792

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Product Identification  
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Product ID:THERMOMETER, MIL-T-2863  
MSDS Date:01/01/1987  
FSC:6685  
NIIN:00-263-1792  
MSDS Number: BDQGM  
=== Responsible Party ===  
Company Name:WEKSLER INSTRUMENTS CORP.  
Address:80 MILL RD  
City:FREEPORT, LONG ISLAND  
State:NY  
ZIP:11520-4616  
Country:US  
Info Phone Num:516-623-0100  
Emergency Phone Nu  
m:516-623-0100  
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

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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%  
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

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Hazards Identification  
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LD50 LC50 Mixture:TCLO-MAN 4430 UG/CUM 8HR

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

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

Health Hazards Acute and Chronic:ACUTE MERCURY POISONING IS RARE. MOSE OFTEN IT IS THE RESULT OF CRONIC INHALATION. MERCURY MAY ALSO BE ABSORBED THROUGH THE SKIN.

Effects of Overexposure:SIGNS OF MERCURY POISONING ARE METALLIC TASTE,EXCESSIVE SALIVATION,IRRITABILITY, AND TREMORS. SKIN CONTACT MAY CAUSE DERMATIT

IS AND/OR ALLERGIC SENSITIZATION.

Medical Cond Aggravated by Exposure:TUBERCULOSIS,KIDNEY DISEASE,ALCOHOLISM

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

First Aid:REMOVE FROM EXPOSURE. CONSULT A PHYSICIAN.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA TO EXTINGUISH SURROUNDING FIRE.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:IS NON-FLAMMABLE BUT EVAPORATES RAPIDLY WHEN HEATED CREATING TOXIC FUMES.

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

Spill Release Procedures:VACUUM SPILLS WITH VACUUM HAVING A FILTERED EXHAUST. DO NOT SWEEP. WASH AREA WITH SOAP AND WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:HANDLE AND STORE THERMOMETERS CAREFULLY. AVOID BREAKAGE AND RELEASE OF MERCURY.

===== Exposure Control

s/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR. TYPE DEPENDS ON LEVEL OF EXPOSURE.

Ventilation:SUFFICIENT TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RUBBER/PLASTIC

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CLOTHING NECESSARY TO PREVENT SKIN CONTACT.

Work Hygienic Practices:KEEP FOOD STUFF STORED AWAY FROM MERCURY.

Supplemental Safety and Health

THERMOMETER CONTAINS APPROXIMATELY 1 ML OF MERCURY. THERE IS NO HAZARD AS LONG AS THE UNIT IS INTACT.

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

HCC:Z2

Boiling Pt:=357.8C, 676.F

Melt/Freeze Pt:=-38.7C, -38.F

Vapor Pres:0.0019

Vapor Density:1.015

Spec Gravity:13.59

Evaporation Rate & Reference: