

PSG INDUSTRIES, INC -- THERMOMETER,MERCURY -- 6685-00-174-6235

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

Product ID:THERMOMETER,MERCURY

MSDS Date:01/01/1987

FSC:6685

NIIN:00-174-6235

MSDS Number: BJXHF

=== Responsible Party ===

Company Name:PSG INDUSTRIES, INC

Address:1225 TUNNEL ROAD

Box:157

City:PERKASIE

State:PA

ZIP:18944

Country:US

Info Phone Num:215-257-3621

Emergency Phone Num:215-257-3621

Preparer

's Name:DGSC-SSH (PRIVOTT)

CAGE:KO435

=== Contractor Identification ===

Company Name:PSG INDUSTRIES INC

Address:1225 TUNNEL RD

Box:City:PERKASIE

State:PA

ZIP:18944-2131

Country:US

Phone:215-257-3621

CAGE:18509

Company Name:PSG INDUSTRIES, INC

Address:1225 TUNNEL ROAD

Box:157

City:PERKASIE

State:PA

ZIP:18944

Country:US

Phone:215-257-3621

CAGE:KO435

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

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt:

100% %
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 =====

LD50 LC50 Mixture:NONE 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:EYES & MUCOUS MEMBRANE IRRITANT;CAN
PENETRATE UNDAMAGED SKIN WITH SUBSEQUENT ABSORPTION.ALSO DERMATITIS
& ALLERGIES;INGESTION CAN BE DANGEROUS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SEVERE RESPIRATORY IRRITATION,CHEST PAINS
BREATHING DIFFICULTY & COUGHING.THESE SYMPTOMS MAY ALSO BE
ACCOMPANIED BY SOME OR ALL SYMPTOMS OF CHRONIC POISONING.GUM &
MOUTH INFLAMMATION (ACCOMPANIED BY E XCESS SALIVATION & METALLIC
TASTE),IRRITABILITY,TREMORS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.IKE

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER;SKIN:WASH WITH SOAP &
WATER;INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF
NEEDED;INGESTION:SEE DOCTOR IMMEDIATELY.

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

Flash Point:NONE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE SCBA OR AIR LINE RESPIRATORS ONLY.
Unusual Fire/Explosion Hazard:WILL FORM TOXIC FUMES WHEN HEATED.

==

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

Spill Release Procedures:CLEAN UP SPILLS IMMEDIATELY WITH VACUUM EQUIPMENT WITH FILTERED EXHAUST.DO NOT DRY SWEEP.AVOID SKIN CONTACT WIT MERCURY.WASH CONTACTED AREA WITH SOAP & WATER.

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

Handling and Storage Precautions:HANDLE & STORE THERMOMETER WITH PROPER CARE.

Other Precautions:NONE

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

==

Respiratory Protection:RESPIRATORY PROTECTION ONLY REQUIRED IN CASE OF SPILLAGE.

Ventilation:VENTILATE IN CASE OF SPILLAGE.

Protective Gloves:IMPERVIOUS IN CASE OF SPILLAGE.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING IN CASE OF SPILLAGE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING SPILLAGE.

Supplemental Safety and Health

MSDS PREPARED BY DGSC-SSH FROM ANOTHER MECURY THERMOMETER SUPPLIED BY PSG (6680-00-557-5316). PSG SENDING MSDS FOR ITEM

. THIS RECORD

SHOULD BE REPLACED WHEN MSDS RECEIVED FROM PSG.

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

HCC:Z2

Boiling Pt:=357.8C, 676.F

Melt/Freeze Pt:=-38.9C, -38.F

Vapor Pres:NEGLIGIBLE

Vapor Density:1.015

Spec Gravity:13.59

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVERY,MOBILE,ODORLESS LIQUID

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

ACETYLENES,AMMO

NIA GASES

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:MERCURY FUMES,MERCURY COMPOUNDS

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

Waste Disposal Methods:REMOVE TO PROPER DISPOSAL AREA I/A/W
FEDERAL,STATE & LOCAL REGULATIONS. DO NOT PUT IN GARBAGE,FLUSH IN
SEWER OR INCINERATE.

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.