

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

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Product Identification  
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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

Prepare

r'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

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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 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 DERMATITI  
S  
& 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 ===  
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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.

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===== 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 =====

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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 ITE M. 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,AMM

ONIA 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.

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