

CONNECTICUT VALLEY INDUSTRIES INC -- MERCURY -- 6685-00-242-2224

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

Product ID:MERCURY

MSDS Date:12/04/1989

FSC:6685

NIIN:00-242-2224

MSDS Number: CHVTF

=== Responsible Party ===

Company Name:CONNECTICUT VALLEY INDUSTRIES INC

Address:8 CENTER RD

City:OLD SAYBROOK (FORMALLY IN ESSEX)

State:CT

ZIP:06475

Country:US

Info Phone Num:203-388-0822

Emergency Phone Num:203-3

88-0822

CAGE:55560

=== Contractor Identification ===

Company Name:CONNECTICUT VALLEY INDUSTRIES INC

Address:8 CENTER ROAD

Box:City:OLD STAYBROOK

State:CT

ZIP:06475

Country:US

Phone:860-388-0822/FAX: 860-388-1651

CAGE:55560

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

Ingred Name:MERCURY

CAS:7439-97-6

RTECS #:OV4550000

OSHA PEL:see Table Z-2

ACGIH TLV:0.025 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

LD50

LC50 Mixture:INHL RAT TCLO: 890 NG/CUM/24 HRS

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

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

Health Hazards Acute and Chronic:INHALATIONS OF HIGH CONCENTRATIONS OF MERCURY CAN CAUSE KIDNEY, LIVER, AND CENTRAL NERVOUS SYSTEM DAMAGE. ACUTE POISONING THRU INHALATION OF A MASSIVE DOSE IS RARE. CHRONIC EXPOSURE OVER A LONG TIME CAN CAUSE NERVOUS SYSTEM DAMAGE, KIDNEY AND LIVER DAMAGE.

Explanation of Carcinogenicity:NO IN

CREMENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:GI TRACT DISTURBANCES, WEAKNESS, COUGH, FEVER, TREMORS, IRRITABILITY AND METALLIC TASTE IN MOUTH. REDNESS AND ITCHING OF SKIN AND EYES.

Medical Cond Aggravated by Exposure:PERSONS WITH A CHRONIC DISEASE OR IN POOR HEALTH SHOULD BE EXCLUDED FROM MERCURY WORK AREA.

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

First Aid:EYES: IMMEDIATE AN

D PROLONGED FLUSHING WITH LOTS OF WATER

WHILE HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN: REMOVE CONTAMINATED

CLOTHES. WASH AREA WITH LOTS OF SOAP AND WATER. INHALED: REMOVE

PERSON TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION

OR OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. INGESTED: GET IMMEDIATE

MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:MERCURY IS NOT COMBUSTIBLE, BUT WILL VAPORIZE RAPIDLY WHEN HEATED, CREATING TOXIC FUMES.

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

Spill Release Procedures:TAKE UP WITH ABSORBENT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL OR RECLAMATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Person

al Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR DURING EMERGENCIES USE NIOSH/MSHA APPROVED RESPIRATOR WITH CARTRIDGE FOR FOR MERCURY VAPOR. IF RESPIRATORS ARE USED; A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST B E IMPLEMENTED.

Ventilation:LOCAL EXHAUST OR ADEQUATE MECHANICAL VENTILATION MUST BE USED.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER, CLOTHING

TO PREVENT PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:Z2

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(AIR=1)

Spec Gravity:13.54

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-WHITE LIQUID ME

TAL; ODORLESS: CONTAINED IN A

GLASS TUBE

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

Stability Indicator/Materials to Avoid:YES

ACETYLENE, AMMONIA, CHLORINE DIOXIDE, AZIDES, CALCIUM, SODIUM CARBIDE, LITHIUM, COPPER

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:MERCURY FUMES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND

===== Other Information =====

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