

ADROW CHEMICAL CO. -- MERCURY VARIOUS GRADES -- 6685-00-761-8601

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Product Identification  
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Product ID:MERCURY VARIOUS GRADES

MSDS Date:06/01/1989

FSC:6685

NIIN:00-761-8601

MSDS Number: BSFQD

=== Responsible Party ===

Company Name:ADROW CHEMICAL CO.

Address:2 LINES AVE.

City:WANAQUE

State:NJ

ZIP:07465-1509

Country:US

Info Phone Num:201-839-2372

Emergency Phone Num:201-337-3183/201-427-5273

CAGE:3F134

=== Contractor Identification ===

Company Name:ADROW CHEMICAL CO.

Address:2 LINES AVE.

Box:City:WANAQUE

State:NJ

ZIP:07465-1509

Country:US

Phone:201-337-3183/201-427-5273

CAGE:3F134

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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 RECOMMENDED

OSHA PEL:C 0.1 MG/M3; Z-2

ACGIH TLV:S, 0.05 MG/M3; 9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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zards 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 CAN CAUSE NERVOUS SYSTEM DAMAGE, KIDNEY AND LIVER DAMAGE.

Explanati

on of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%

OR GREATER IS LISTED AS A CARCINOGEN OR SUPECTED CARCINOGEN.

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

Medical Cond Aggravated by Exposure:PERSONS WITH A LIVER, KIDNEY OR NERVOUS SYSTEM DISORDERS SHOULD AVOID EXPOSURE.

===== First Aid Measures =====  
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First Aid:EYES: IMMEDIATE AND 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 FR ESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION OR OXYGEN. GET IMMEDIATE MEDICAL ATTENTION. INGESTED: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABL

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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.

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

Spill Release Procedures:WEAR PROPER PROTECTIVE CLOTHING, INCLUDING RESPIRATOR. TAKE UP WITH MERCURY VACUUM AND PROPERLY DISPOSE OF RESIDUE.

Ne

utralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND STORE IN A COOL, DRY AREA AWY FROM FIRE HAZARDS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Personal 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 SKIN CONTACT.

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

Supplemental Safety and Health

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

HCC:T6

Boiling Pt:B.P. Text:675F,357C

Melt/Freeze Pt:M.P/F.P Text:-38F,-39C

Vapor Pres:0.0019

Vapor Density:1.0(AIR=1)

Spec Gravity:13.5 (AIR=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SILVER-WHITE LIQUID MOBILE METAL; ODORLESS: CONTAINED IN A GLASS TUBE

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

Stability Indicator/Materials to Av

oid:YES

HALOGENS, NITRIC ACID, 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  
FEDERAL REGULATIONS. EPA WASTE # U151 MAY APPLY.

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