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ADROW CHEMICAL CO. -- MERCURY -- 6810-00-281-7453

Product ID:MERCURY MSDS Date:06/01/1989

FSC:6810

NIIN:00-281-7453

MSDS Number: BMGPM === 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

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

Ingred Name:MERCURY, (OSHA PEL LIQUID: S, C, 0.1 MG/M3; VAPOR: 0.05 MG/M3), (ACGIH TLV LIQUID: S, 0.1 MG/M3; VAPOR 0.05 MG/M3)

CAS:7439-97-6

RTECS #:OV4550000 Fraction by Wt: 100%

OSHA PEL:SEE INGREDIENT ABOVE ACGIH TLV:SEE INGREDIENT ABOVE

EPA Rpt Qty:1 LB

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SEVERE RESPIRATORY IRRITATION, BREATHING DIFFICULTIES WHICH MAY BE FATAL. DAMAGE TO THE CENTRAL NERVOUS SYSTEM, KIDNEYS AND LIVER CAN OCCUR. CHRONIC: GUM AND MOUTH INFLAMATION, IRRITABILITY, TR EMORS AND STOMATITIS. DAMAGE TO THE KIDNEYS, LIVER A

ND CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity: DATA PER MSDS

Effects of Overexposure:TREMORS, CONVULSIONS & OTHER CNS DISTURBANCES, PNEUMONITIS, CHEST PAINS, DYSPNEA, COUGHING, STOMATITIS, GINGIVITIS AND LOOSENING OF TEETH, SALIVATION, LOSS OF MEMORY, METALLIC TASTE, DIZZINESS, CLUMSI NESS, SLURRED SPEECH, DIARRHEA, PAIN & NUMBNESS IN EXTREMITIES, NEPHRITIS, ANXIETY, HEADACHE, WEIGHT LOSS, AND INSOMNIA.

Medical Cond Aggravated by Exposure:PEOPLE WITH LIVER, KIDNEY AND

NERVOUS SYSTEM DISORDERS SHOULD AVOID EXPOSURE.

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR/OXYGEN. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. S KIN: REMOVE CONTAMINATED CLOTHING. WASHSKIN WITH PLENTY OF SOAP & WATER. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. A 5% SOLUTION OF SODIUM F

ORMALDEHYDE SULFOXYLATE MAY BE USED TO INDUCE VOMITING.

======= Fir	re Fighting Measures	
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Flash Point:NONE

Extinguishing Media: EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: NONE EXPECTED. TOXIC MERCURY VAPORS.

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==== Accidental Release Measures =========
Spill Release Procedures:USE APPROPIATE RESPIRATORY PROTECTION AND PROPER PROTECTIVE CLOTHING. CLEAN UP SPILLS IMMEDIATELY WITH A MERCURY VACUUM CLEANER. DECONTAMINATE AREA WITH A MERCURY DECONTAMINANT. KEEP COLLECTED MERCURY FOR DISPOSAL. Neutralizing Agent:NONE
============ Handling and Storage ==============
Handling and Storage Precautions:STORE IN SEALED UNBREAKABLE POLYETHYLENE CONTAINERS IN A COO L, DRY, WELL VENTILATED AREA AWAY FROM HEAT. PROTECT CONTAINERS FROM PHYSICAL DAMAGE. Other Precautions:CLEAN UP SPILLS AS QUICKLY AND THOROUGHLY AS POSSIBLE.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION LOGIC-PUBL ICATION NUMBER 87.108.
ilation:PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL. Protective Gloves:NON-POROUS,NON-ABSORBENT,IMPERVIOUS GLVS
Eye Protection:CHEMICAL SAFETY GOGGLES Other Protective Equipment:SEPARATE WORK AND STREET CLOTHING. STORE WORK CLOTHING IN SPECIAL LOCKERS. SHOWER BEFORE CHANGING TO STREET CLOTHES.
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety a

nd Health

WORK CLOTH SHOULD NOT BE CLEANED BY SHAKING. VACUUM BEFORE REMOVAL AND LAUNDER.

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

HCC:T6

Boiling Pt:B.P. Text:674F,357C

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

Vapor Pres:0.0012 Vapor Density:1.015 Spec Gravity:13.5

Evaporation Rate & Dr. Reference: