

DOW CHEMICAL U.S.A. -- 55590, METHYLENE CHLORIDE, TECHNICAL -- 6810-00-397-3720  
===== Product Identification =====

Product ID:55590, METHYLENE CHLORIDE, TECHNICAL

MSDS Date:06/22/1988

FSC:6810

NIIN:00-397-3720

MSDS Number: BDXNT

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A.

Address:CHEMICAL AND METALS DEPARTMENT

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info Phone Num:517-636-4400

E

mergency Phone Num:517-636-4400

Preparer's Name:KELLY MCANAUL

CAGE:96717

=== Contractor Identification ===

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

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

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 99.9%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) = 1500-2500 MG/KG

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

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

Health Hazards Acute and Chronic:MAY CAUSE CNS EFFECTS,

CARBOXYHEMOGLOBINEMIS, LIVER & KIDNEY EFFECTS. EYE:IRRITATION,  
PAIN, SLIGHT CORNEAL INJURY. PROLONGED &/OR REPEATED SKIN  
CONTACT:IRRITATION, BURNS, DRYING, CRACKING. INHALATION: CNS  
EFFECTS,

ANESTHESIA, CARDIAC ARRHYTHMIAS. INGESTION:IF ASPIRATED IS  
ABSORBED RAPIDLY BY LUNGS.

Explanation of Carcinogenicity:CONTAINS DICHLOROMETHANE (METHYLENE  
CHLORIDE). SEE INDIVIDUAL IARC & NTP REPORTS FOR DETAILS OF  
CARCINOGENICITY.

Effects of Overexposure:EYE:IRRITATION, PAIN. SKIN:IRRITATION, BURNS,  
DRYING, FLAKING. INHALATION:RESPIRATORY IRRITATION, ANESTHETIC  
EFFECTS, DIZZINESS, HEADACHE, DRUNKENNESS, CARDIAC ARRHYTHMIAS,  
UNCONSCIOUSNESS, DEATH. INGESTION:SINGLE DOSE TOX

ICITY IS LOW. IF

ASPIRATED, IS RAPIDLY ABSORBED BY LUNGS.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/FLOWING WATER.

INHALED:REMOVE FROM CONTAMINATED AREA. AID OR RESTORE BREATHING AS  
NEEDED. INGESTED:DO NOT INDUCE VOMITING. CALL PHYSICIAN OR  
TRANSPORT TO EMERGENCY FACI

LITY IMMEDIATELY. PHYSICIAN TO DETERMINE  
ADVISABILITY OF VOMITING OR LAVAGE.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:14

Upper Limits:22

Extinguishing Media:WATER FOG

Fire Fighting Procedures:WEAR POSITIVE PRESSURE SELF-CONTAINED  
BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FORMS FLAMMABLE VAPOR-AIR MIXTURES. LOWER  
TEMPERATURES INCREASE DIFFICULTY OF GETTING IT TO IGNITE.

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===== Acc

idental Release Measures =====

Spill Release Procedures:SMALL SPILL:MOP UP, WIPE UP OR ABSORB IMMEDIATELY. MOVE OUTSIDE. LARGE SPILL:EVACUATE AREA, CONTAIN LIQUID, TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE IN COOL AREA. EXERCISE REASONABLE CARE & CAUTION. AVOID BREATHING VAPORS. VAPORS WILL

COLLECT IN LOW AREAS. DO NOT USE AIR TO UNLOAD CONTAINER.

Other Precautions:USE SPECIAL CAUTION FOR OPERATIONS INVOLVING POTENTIAL FOR PROLONGED &/OR REPEATED SKIN CONTACT OR FOR VAPOR INHALATION. WEAR PROTECTIVE CLOTHING WHEN SKIN CONTACT IS LIKELY.

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

Respiratory Protection:WHEN RESPIRATORY PROTECTION IS NEEDED, USE AN APPROVED AIR-PURIFYING RESPIRATOR. FOR EMERGENCY CONDITIONS, IN CONFINER OR POORLY VE

NTILATED AREAS, OR EXCESSIVE EXPOSURES, USE A

POSITIVE PRESSURE SELF- CONTAINED BREATHING APPARATUS.

Ventilation:USE ONLY W/VENTILATION ADEQUATE TO CONTROL CONCENTRATIONS