

DOW CHEMICAL U S A -- DICHLOROMETHANE -- 6810-00-058-6991

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

Product ID: DICHLOROMETHANE

MSDS Date: 01/01/1987

FSC: 6810

NIIN: 00-058-6991

MSDS Number: BCWNH

=== Responsible Party ===

Company Name: DOW CHEMICAL U S A

Address: 2020 DOW CENTER BARSTOW BLDG

City: MIDLAND

State: MI

ZIP: 48640

Country: US

Info Phone Num: 517-636-1000

Emergency Phone Num: 517-636-4400

CAGE: 71981

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Contractor Identification ===

Company Name: CHEMICAL COMMODITIES AGENCY, INC.

Address: 27447 PACIFIC STREET

Box: City: HIGHLAND

State: CA

ZIP: 92346-2640

Country: US

Phone: 909-864-2310

CAGE: 60777

Company Name: DOW CHEMICAL U S A

Address: BARSTOW BLDG

City: MIDLAND

State: MI

ZIP: 48640

Country: US

Phone: 517-636-4400

CAGE: 71981

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

Ingred Name: METHYLENE CHLORIDE (SARA III)

CAS: 75-09-2

RTECS #: PA8050000

OSHA PEL: 500 PPM/C, 1000; Z2

ACGIH TLV: 50

PPM, A2; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF  
OVEREXPOSURE.  
Explanation of Carcinogenicity:NTP SHOWS METHYLENE CHLORIDE AS PROPOSED  
FOR ADDITION TO 5TH ANNUAL REPORT ON CARCINOGEN.  
Effects of Overexposure:EYES/SKIN:IRRITATION;INHALATION:NAS  
AL AND  
RESPIRATORY  
IRRITATION,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEADACHE,POSSIBLE  
UNCONSCIOUSNESS,ASPHYXIATION;INGESTION:GASTROINTESTINAL  
IRRITATION,NAUSEA,VOMIT,DIA RRHEA.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF  
RESPIRATORY DISEASE MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER.SEE DOCTOR;SKIN:REMOVE  
CONTAMINATED CLOTHING AND SHOES.WASH WITH SOA  
P AND WATER.SEE  
DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE  
DOCTOR;INGESTION :INDUCE VOMIT.GIVE LARGE QUANTITIES OF WATER IF  
CONSCIOUS.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR.DO NOT GIVE  
STIMULANTS.THEY MAY ADVERSELY AFFECT THE HEART.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:1224F  
Extinguishing Media:WATER FOG  
Fire Fighting Procedures:WEAR SELF-CONTAINED RESPIRATORY  
EQUIPMENT  
Unusual Fire/Explosion Hazard:FORMS TOXIC MATERIALS.

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

Spill Release Procedures:SMALL:MOP, WIPE, OR SOAK UP IMMEDIATELY.  
REMOVE TO OUT OF DOORS. LARGE:EVACUATE AREA. CONTAIN LIQUID,  
TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY

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

Handling and Storage Precautions:STORE IN A COOL PLACE. AVOID BREATHING  
VAPORS. EXERCISE REASONA

## BLE CARE & CAUTION

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS FOR LEVELS ABOVE 2%

Ventilation:TO KEEP VAPOR CONCENTRATION BELOW TLV

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH & SAFETY SHOWER

Work Hygienic Practices:AVOID CONTACT WITH EYES,SKIN AND CLOTHING.WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and

Health

NONE

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

HCC:T4

Boiling Pt:B.P. Text:104F(40C)

Vapor Pres:340

Vapor Density:2.93

Spec Gravity:1.320

Solubility in Water:2G/100G

Appearance and Odor:COLORLESS LIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AND CAUSTICS.CHEMICALLY ACTIVE METALS SUCH AS ALUMINUM,MAGNESIUM POWEDERS,SODIUM,POTASSIUM.

St

ability Condition to Avoid:NONE.

Hazardous Decomposition Products:DURING COMBUSTION MAY FORM CARBON MONOXIDE,CARBON DIOXIDE,HYDROGEN CHLORIDE,PHOSGENE.

### ===== Disposal Considerations =====

Waste Disposal Methods:SEND SOLVENT TO A RECLAIMER.IN SOME CASES IT CAN BE TRANSPORTED TO AN AREA WHERE IT CAN BE PLACED ON THE GROUND & ALLOWED TO EVAPORATE SAFELY

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