

ASHLAND CHEMICAL COMPANY -- METHYLENE CHLORIDE INDUST GRD -- 6810-00-058-6991

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Product Identification  
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Product ID:METHYLENE CHLORIDE INDUST GRD

MSDS Date:02/01/1978

FSC:6810

NIIN:00-058-6991

MSDS Number: BGVZG

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL COMPANY

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

CAGE:34897

=== Contractor Identification ===

Company Name

:ASHLAND CHEMICAL CO

Box:2219

City:COLUMBUS

State:OH

ZIP:43216-2219

Country:US

Phone:614-790-3333/800-274-5263

CAGE:34897

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Composition/Information on Ingredients  
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Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 100%

Other REC Limits:NONE

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  
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Routes of Entry: Inhalat

ion: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:NASAL 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 SOAP AND WATER.SEE  
DOCTOR;INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE  
DOCTOR;INGESTION :INDUCE VOMIT.GIVE LARGE QUANTITIES OF WAT  
ER IF  
CONSCIOUS.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR.DO NOT GIVE  
STIMULANTS.THEY MAY ADVERSELY AFFECT THE HEART.

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

Autoignition Temp:Autoignition Temp Text:1224F  
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,WATER FOG.  
Fire Fighting Procedures:WEAR SCBA AND PROTECTIVE CLOTHING.  
Unusual Fire/Explosion Hazard:FROM TOXIC MATERIALS.

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

Spill Release

Procedures:EVACUATE PERSONNEL.WEAR PROPER PROTECTIVE  
CLOTHING AND EQUIPMENT.VENTILATE AREA.STOP LEAK.CONTAIN  
SPILL.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL  
CONTAINER.FLUSH RESIDUE WITH WATER.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED  
PLACE,AWAY FROM INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN  
NOT IN USE.

Other Precautions:NONE.

===== Exposure Contr

ols/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORY PROTECTION  
APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST AND/OR MECHANICAL (GENERAL) VENTILATION AS  
REQUIRED TO KEEP CONCENTRATIONS BELOW OSHA PEL.

Protective Gloves:PVA.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING AS NEEDED TO PREVENT  
PROLONGED/REPEATED SKIN CONTACT,EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID

CONTACT WITH EYES,SKIN AND CLOTHING.WASH  
THOROUGHLY AFTER HANDLING.LAUNDRY CONTAMINATED CLOTHING BEFORE  
REUSE.

Supplemental Safety and Health

NONE

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

HCC:T4

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

Melt/Freeze Pt:M.P/F.P Text:-142F(-97C)

Vapor Pres:340

Vapor Density:2.9

Spec Gravity:1.330

Evaporation Rate & Reference:1.8 (ETHER=1)

Solubility in Water:1.3

Appearance and Odor:COLORLESS LIQUID WITH A CHLOROFORM LIKE ODOR.

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 POWDERS,SODIUM,POTASSIUM.

Stability Condition to Avoid:NONE

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

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

Waste Disposal Methods:

KEEP IN COVERED DRUMS PENDING DISPOSAL.DISPOSE  
OF IN FULL COMPLIANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL  
REGULATIONS.

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