

PPG INDUSTRIES INC. -- METHYLENE CHLORIDE -- 6810-00-122-3963  
===== Product Identification =====

Product ID:METHYLENE CHLORIDE  
MSDS Date:01/01/1985  
FSC:6810  
NIIN:00-122-3963  
MSDS Number: BCZTH  
=== Responsible Party ===  
Company Name:PPG INDUSTRIES INC.  
Address:ONE GATEWAY CENTER  
City:PITTSBURGH  
State:PA  
ZIP:15222-1416  
Country:US  
Info Phone Num:412-434-3131  
Emergency Phone Num:304-843-1300  
CAGE:93915  
=== Contractor Identification ===  
Company Name:PPG INDUSTRIES  
INC CHEMICAL DIVISION  
Address:ONE GATEWAY CENTER  
City:PITTSBURGH  
State:PA  
ZIP:15222-1416  
Country:US  
Phone:304-843-1300  
CAGE:93915

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

Ingred Name:METHYLENE CHLORIDE (SARA III)  
CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 100%  
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 =====

Effects of  
Overexposure:INHALED:NA

RCOSIS.EYES:IRRITNT.SKIN:IRRITNT,DERM;CAN BE  
ABSORBED. HIGH CANCS CAUSE CARDIOVAS. EFFECTS

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

First Aid:SKIN:WASH W.SOAP & H\*2O. EYES:FLUSH W. H\*2O. INGESTED:DON'T  
INDUCE VOMITING. INHALED:REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF  
NEED. KEEP WARM & QUIET. REMOVE CONTAMINATED CLOTHING. NEVER GIVE  
ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Lower Li

mits:12

Upper Limits:19

Extinguishing Media:WATER,DRY CHEMICALS OR CARBON DIOXIDE.

Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP

Unusual Fire/Explosion Hazard:VAPORS INCONFINED AREA CAN BE IGNITED  
WITH IGNITION SOURCES. CAN OCCUR BETWEEN 12 & 19%

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

Spill Release Procedures:SM SPL: TAKE UP WITH SAND, OR OTHER NONCOMB.  
ABSORB MATL THEN FLUSH AREA WITH H\*2O. SM DRY SPL: SHOVEL INTO DRY  
CONTRS, THEN FLUSH AREA W/H\*2  
0.LG SPLS:DIKE FAR AHEAD OF SPL FOR  
LATER DISPOSAL. NO CONT ACT W/SPILLED MATL. STOP LK.ELIM IGN  
SOURCES.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW  
FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS  
CLOSED. MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.

Other Precautions:AVOID PROLONGED OR REPEATED CONTACT & BREATHING. USE  
WITH ADEQUATE VENTILATION.DO NOT INGEST.VAPORS ARE  
HEAVIER THAN AIR  
AND WILL COLLECT IN LOW PLACES.

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

Respiratory Protection:EMERGENCY(CONFINED AREAS:SCBA/SAR OTHERWISE USE  
ORGANIC-VAP RESPIR

Ventilation:MECHANICAL VENT TO MAINTN EXPOS BELOW TLV(S)

Protective Gloves:NEOPRENE,PE

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:POLYVINYL ALCOHOL GLOVES SAFETY SHOWER,  
EYE-WASHING CLOHNG.

Supplemental Safety and Health

OVER EXPOSURE:CHRONIC INHALATION MAY P

REDUCE LIVER/KIDNEY DAMAGE.  
PRODUCT MEETS REQUIREMENTS FOR GRADE B UNDER MIL-D-6998.

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

HCC:T4  
Boiling Pt:B.P. Text:103.6F/40C  
Vapor Pres:349  
Vapor Density:2.93  
Spec Gravity:1.32  
Evaporation Rate & Reference:0.7ETHYL ETHER  
Solubility in Water:MODERATE  
Appearance and Odor:CLEAR, COLORLESS LIQ.ETHER-LIKE ODOR.  
Percent Volatiles by Volume:100

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

Stability I  
Indicator/Materials to Avoid:YES  
AVOID CAUSTIC SODA,CAUSTIC POTASH,OXIDIZING MATERIALS.  
Stability Condition to Avoid:OPEN FLAMES, HOT GLOWING SURFACES,  
ELECTRIC ARCS.  
Hazardous Decomposition Products:HYDROGEN CHLORIDE(HCL) & POSSIBLY  
TRACES OF PHOSGENE.

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

Waste Disposal Methods:PREVENT ENVIRONMENTAL CONTAMINATION. RECOVERED  
LIQ MAY BE TREATED IN A PERMITTED TREATMENT FACILITY.

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