

PPG INDUSTRIES INC -- METHYLENE CHLORIDE -- 6810-00-244-0290

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

Product ID:METHYLENE CHLORIDE

MSDS Date:07/12/1993

FSC:6810

NIIN:00-244-0290

MSDS Number: BTRJV

=== Responsible Party ===

Company Name:PPG INDUSTRIES INC

Address:ONE PPG PLACE

City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Info Phone Num:304-843-1300

Emergency Phone Num:304-843-1300

CAGE:47695

=== Contr

actor Identification ===

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

Company Name:PPG INDUSTRIES INC

Address:ONE PPG PLACE

Box:City:PITTSBURGH

State:PA

ZIP:15272

Country:US

Phone:1-800-245-2974 (CAL HYPO)

CAGE:47695

===== 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

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2136 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:INHALATION-SLIGHTLY TOXIC.
SKIN-MODERATELY TOXIC. SKIN/EYE-MILDLY IRRITATING / IRRITANT.
INGESTION-SLIGHTLY TOXIC.
Explanation of Carcinogenicity:LISTED
BT NTP AND IARC AS CARCINOGENIC.
Effects of Overexposure:INHALED:NARCOSIS. EYES:IRRITNT. SKIN:IRRITNT,
DERMAL: CAN BE ABSORBED. HIGH CONCENTRATIONS CAN CAUSE
CARDIOVASCULAR EFFECTS.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures
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First Aid:INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE APR.
IF BREATHING IS HARD, GIVE OXYGEN. CALL PHYSICIAN. EYE OR
SKIN-FLUSH EYE AND SKIN WITH PLENTY OF WATER (SOAP & W
ATER FOR
SKIN) FOR AT LEAST 15 MIN. IF IRRITATION OCCURS, CALL PHYSICIAN.
INGESTION-DRINK LARGE AMOUNTS OF WATER. DO NOT INDUE VOMITING. TAKE
IMMEDIATELY TO A HOSPITAL.

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Fire Fighting Measures
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Flash Point:NONE
Lower Limits:12
Upper Limits:19
Extinguishing Media:WATER, DRY CHEMICALS OR CARBON DIOXIDE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR NIOSH/MSHA APPROVED
SELF-CONTAINED BREATHING APPARATUS FOR POSSIBLE EXPOSURE TO
HYDROGEN CHLORIDE & PHOSGENE.
Unusual Fire/Explosion Hazard:VAPORS INCONFINED AREA CAN BE IGNITED
WITH IGNITION SOURCES. CAN OCCUR BETWEEN 12 & 19% BY VOLUME.

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Accidental Release Measures
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Spill Release Procedures:IMMEDIATELY EVACAUTE THE AREA AND PROVIDE
MAXIMUM VENTILATION. UNPROTECTED PERSONNEL SHOULD MOVE UPWIND OF
SPILL. DIKE AREA TO CONTAIN SPILL. PREVENT GROUND WATER
CONTAMINATION. RECOVER SPILLED MATERI AL ON ABSORBENT.

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

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

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

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

Respiratory Protection:USE AIRLINE RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS WHEN CONCENTRATIONS OF METHYLENE CHLORIDE EXCEED PERMISSIBLE LIMITS.

Ventilation:USE LOCAL EXHAUST OR DILUTION VENTILATION AAS APPROPRIATE TO CONTROL EXPOSURES TO BELOW PERMISSIBLE LIMITS.

Protective Gloves:VITON, SILVER SHILED, POLYVINYL ALCOHOL.

Eye Protection:SPLASH PROOF GOGGLES.

Other Protective Equipment:BOOTS, APRONS, OR CHEMICAL SUITS SHOULD BE USED WHEN NECESSARY TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

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

HCC:T4

Boiling Pt:B.P. Text:102F,39C

Melt/Freeze Pt:M.P/F.P Text:-144F,-98C

Vapor Pres:349

Vapor Density:2.93

Spec Gravity:1.32

pH:7

Evaporation Rate & Reference:0.71 ETHYL ETHER=1

Solubility in Water:2 G/100G

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH ETHER-LIKE ODOR.

Percent Volatiles by Volume:100

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

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Stability 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: CONTAMINATED SAWDUST, VERMICULITE, SOIL OR
POROUS SURFACE MUST BE DISPOSED OF IN A PERMITTED HAZARDOUS WASTE
MANAGEMENT

FACILITY. RECOVERED LIQUID MAY BE REPROCESSED OR
INCINERATED OR MUST BE TREATED IN A PERMITTED WASTE MANAGEMENT
FACILITY.

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