

Methylene Chloride Material Safety Data Sheet



1. PRODUCT & COMPANY IDENTIFICATION

Supplier	A & C Plastics, Inc. 6135 Northdale Houston, TX 77087-5095 (713) 645-4915 (800) 231-4175 FAX (800) 627-5899
Synonyms	DICHLOROMETHANE
CAS Number	75-09-2

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Methylene Chloride
CAS Number	75-09-2
Amount (%W/W)	100
* COMPONENT IS HAZARDOUS ACCORDING TO OSHA.	

3. HAZARDS IDENTIFICATION

Health Hazards Acute & Chronic: Inhalation: Methylene chloride depresses the central nervous system. Skin: prolonged or repeated contact may cause irritation, defatting of skin & dermatitis. Eyes: vapors may irritate eyes.

Signs & Symptoms of Overexposure: inhalation: nausea, headache, vomiting, numbness and tingling in arms and legs and rapid heartbeat, loss of consciousness and death have occurred.

Medical Conditions Aggravated by Exposure: alcoholism, acute and chronic liver, chronic lung disease, anemia, coronary disease or rhythm disorders of the heart.

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route of Entry Indicators:

Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Indicators

NTP: YES

IARC: YES

OSHA: NO

Carcinogenicity Explanation: methylene chloride is listed on the iarc & ntp carcinogen list but not by OSHA.



Service. It's what we deliver.

1.800.231.4175 www.acplasticsinc.com

Methylene Chloride Material Safety Data Sheet



4. FIRST AID MEASURES FIRST AID:

INHALATION: remove to fresh air. If breathing has stopped, administer artificial respiration. Call a physician.

SKIN: remove contaminated clothing. Wash exposed area with large amounts of water for 15 min.

EYES: flush eyes immediately with water for 15 min. If irritation persists, call physician.
Ingestion: do not induce vomiting. Contact physician or emergency medical facility immediately.

4. FIRE FIGHTING MEASURES & FIRE FIGHTING PROCEDURES:

Fire fighters should wear self-contained breathing apparatus due to thermal decomposition products and avoid skin contact. Unusual fire or explosion hazard: concentrated vapors can be ignited by high intensity heat source.

Extinguishing media: water fog, dry chemical, foam, carbon dioxide.

Flash point: flash point text: none

autoignition temperature: autoignition temperature text: n/k

lower limit(s): 12% upper limit(s): 19%

5. ACCIDENTAL RELEASE MEASURES & SPILL RELEASE PROCEDURES:

Evacuate the area. Ventilate, and avoid breathing vapors.

Dike area to contain spill. Clean up area (wear protective clothing) by mopping or with absorbent material & place in closed container for disposal. Do not flush to sewer. Avoid ground water.

Respiratory Protection: where vapor concentrations exceed 50 ppm, an approved respirator with organic vapor cannister is acceptable. An approved self-contained breathing apparatus or air line respirator with full facepiece, is required for concentrations >1000ppm.

Ventilation: do not use in closed or confined space. Open doors &/or windows. Use ventilation to maintain levels below 50 ppm.

Protective Gloves: solvent resist; viton, polyvinyl alcohol

Eye Protection: safety glasses, chemical goggles/shield.

Other Protective Equipment: protective clothing, eye wash station & safety shower. To determine exposure levels, monitoring should be performed.

Work Hygienic Practices: do not eat, drink or smoke in work area. Wash hands prior to eating, drinking or using restrooms. Launder soil clothes.



Service. It's what we deliver.

1.800.231.4175 www.acplasticsinc.com

Methylene Chloride Material Safety Data Sheet



Supplemental Health & Safety Information: note: protective equipment and clothing should be selected, used and maintained according to applicable standards and regulations. For further information contact the clothing or equipment manufacturer.

6. HANDLING AND STORAGE:

Handling and Storage Precautions: Avoid high temperatures. Keep material dry and away from moisture. Released material will evaporate.

Other Precautions: N/A

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: where vapor concentrations exceed 50 ppm, an approved respirator with organic vapor cannister is acceptable. An approved self-contained breathing apparatus or air line respirator with full facepiece, is required for concentrations >1000ppm.

Ventilation: do not use in closed or confined space. Open doors &/or windows. Use ventilation to maintain levels below 50 ppm.

Protective Gloves: SOLVENT RESIST; VITON, POLYVINYL ALCOHOL

Eye Protection: SAFETY GLASSES, CHEMICAL GOGGLES/SHIELD.

Other Protective Equipment: protective clothing, eye wash station & safety shower. To determine exposure levels, monitoring should be performed.

Work Hygienic Practices: do not eat, drink or smoke in work area. Wash hands prior to eating, drinking or using restrooms. Launder soil clothes.

Supplemental Health & Safety Information: note: protective equipment and clothing should be selected, used and maintained according to applicable standards and regulations.

8. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	104F,40C
Melting/Freezing Point:	N/R
Decomposition Point: Decomposition Text:	N/K
Vapor Pressure:	350
Vapor Density:	2.9
Percent Volatile Organic Content:	
Specific Gravity:	1.32
Volatile Organic Content Pounds per Gallon:	
pH:	N/K
Volatile Organic Content Grams per Liter:	
Viscosity:	N/R
Evaporation Weight and Reference:	0.7 (ETHER=1)
Solubility in Water:	1.32 GM/100 GM



Service. It's what we deliver.

1.800.231.4175 www.acplasticsinc.com

Methylene Chloride Material Safety Data Sheet



Appearance and Odor: COLORLESS CLEAR
LIQUID; MILDLY SWEET ODOR.
Percent Volatiles by Volume: 100%
Corrosion Rate: N/K

9. STABILITY AND REACTIVITY

Stability Indicator: YES

Materials to Avoid: strong alkalis, oxygen, nitrogen peroxide, sodium, potassium, & other oxidizers & reactive metals.

Stability Condition to Avoid: contact with open flame, electric arcs, or other hot surfaces which can cause thermal decomposition.

Hazardous Decomposition Products: hydrogen chloride, phosgene, chloride.

Hazardous Polymerization Indicator: NO Conditions to Avoid Polymerization: will not occur

10. TOXICOLOGICAL INFORMATION

Toxicological Information: N/P

11. ECOLOGICAL INFORMATION

Ecological Information: N/P

12. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: recovered liquid may be sent to a licensed reclaimer or incinerated. Contaminated material must be disposed of in a permitted waste management facility. Consult federal, state or local disposal authorities for approved procedures.

13. TRANSPORT INFORMATION

Transport Information:

Department of Transportation Information

DOT Proper Shipping Name: DICHLOROMETHANE DOT PSN Code: EUP Symbols: DOT

PSN Modifier:

14. REGULATORY INFORMATION

SARA Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

15. OTHER INFORMATION

Department of Transportation Information

DOT Proper Shipping Name: DICHLOROM



Service. It's what we deliver.

1.800.231.4175 www.acplasticsinc.com

Methylene Chloride Material Safety Data Sheet



ETHANE DOT PSN Code: EUP Symbols: DOT
PSN Modifier:

Disclaimer:

EMPLOYEE TRAINING

See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.