

Revised: 7/30/19

1 IDENTIFICATION

M-CLENE-D/HUB-CLENE-D
4351006

Dichloromethane

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

Hubbard-Hall Inc.
563 South Leonard Street
Waterbury, CT 06708
Telephone : 203-756-5521
Fax number: 203-756-9017

Emergency Phone Number
CHEMTREC: 1 (800) 424-9300
International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION

WARNING

Acute Toxicity-Oral Hazard Category 4

Specific Target Organ Toxicity (Single Exposure) Hazard Category 3

Specific Target Organ Toxicity (Repeated Exposure) Hazard Category 2

Skin Corrosion/Irritation Hazard Category 2

Eye Damage/Irritation Hazard Category 2A

Carcinogenicity Hazard Category 2

Toxic to Reproduction Hazard Category 2

Specific Target Organ Toxicity (Single Exposure) Hazard Category 1

Harmful if swallowed.

May cause respiratory irritation.

May cause damage to Blood and Hepatic System through prolonged or repeated exposure.

Causes serious eye irritation.

Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to cardiovascular system including elevated carboxyhemoglobin levels.

Do not eat, drink or smoke when using this product.

Wash skin thoroughly after handling.
 Use only outdoors or in well ventilated area.
 Do not breathe dust, fumes, gas, mist, vapors or spray.
 Wear rubber gloves, goggles and chemical protective clothing.
 Obtain special instruction before use.
 Do not handle until all safety precautions have been read and understood.
 If swallowed: Call poison center/doctor if you feel unwell.
 Rinse Mouth.
 If on skin: Wash with plenty of water.
 If skin irritation or rash occurs, get medical advice/attention.
 Take off immediately all contaminated clothing and wash it before reuse.
 Specific treatment - refer to poison center or doctor for advice.
 If exposed or concerned: Get medical advice/attention.
 If in eyes: Wash cautiously with water for several minutes. Remove contact lenses if present and easy to do Continue rinsing. If eye irritation persists, get medical attention
 .
 Store locked up.
 Dispose of contents/container in accordance with local, regional, national, or international regulations.

3 COMPOSITION INFORMATION

Methylene Chloride	Dichloromethane	75-09-2	100%
Propylene Oxide	-	75-56-9	~0.1%

4 FIRST AID

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritated, call doctor.

Call a physician or poison control center immediately. Do not induce vomiting. Immediately rinse mouth and drink plenty of water. If vomiting occurs, keep head low so that the stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance.

May cause upper respiratory tract irritation and central nervous system depression with symptoms such as confusion, lightheadedness, nausea, vomiting, headache, and fatigue. Causes formation of carbon monoxide in blood which may affect cardiovascular system and central nervous system. Continued exposure may cause unconsciousness and even death.

Vapors may cause eye irritation. Contact may cause tearing, redness, a stinging or burning feeling, swelling, and blurred vision.

May cause effects ranging from mild irritation to severe pain, and possibly burns, depending on the intensity of contact. Skin absorption may occur.

May cause nausea or vomiting. If vomiting results in aspiration, chemical pneumonia could occur. Absorption through the gastrointestinal tract may produce central nervous system depression.

May cause liver damage. May cause cancer based on animal data.

5 FIRE FIGHTING MEASURES

In case of fire: Use water spray (fog), foam, dry chemicals, carbon dioxide, or other type of vapor producing extinguisher.

Heat and fire may result in the release of corrosive fumes.

Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Wear chemical goggle, gloves and face shield and protective clothing.

Prevent spilled product from drains, sewers, waterways and soil.

If trained in accordance 29 CFR 1910.120, leaks should be stopped. Spills should be contained and cleaned immediately. Persons performing clean up work should wear adequate personal protective equipment and clothing. Spills and releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

7 HANDLING AND STORAGE

Avoid breathing dust, fumes, gas, mist, vapors and sprays.

Use ventilation sufficient to keep personal exposure below the OSHA Permissible Exposure Limits (PEL) and or the ACGIH Threshold Limit Value (TLV) Time Weighted Average (TWA) exposure limits.

Wear rubber gloves, goggles and chemical protective clothing.

Keep away from heat.

Minimize the release of this product to the environment.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Methylene Chloride	ACGIH	50 ppm	not listed
Propylene Oxide	ACGIH	2 ppm	-
Methylene Chloride	OSHA PEL	25 ppm	125 ppm

Use local exhaust to keep personal exposures below the OSHA Permissible Exposure Limit (s) (PEL) or the ACGIH threshold Limit Values (TLV)Time Weight Average (TWA).

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI 788.2 or applicable federal requirements must be followed whenever work place conditions warrant respirator use. NIOSH's Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Safety shower in work area.

Wear safety glasses with side shields.

Use gloves when contact with product may occur. Viton, laminate film, PVA, or Silvershield gloves offer the best protection. DO NOT use natural rubber gloves when handling this product. Nitrile, neoprene or butyl gloves offer less protection and should be used for splash protection only.

9 PHYSICAL AND CHEMICAL PROPERTIES

White mobile liquid.

Sharp odor

N/A

4-7

-95 °C

104 °F

N/A

0.7 (ether=1)

Non flammable

Fetotoxic in rodents in presence of maternal toxicity; testicular atrophy in rats; may reduce sperm count in exposed men; dichloromethane found in breast milk of exposed women.

12 ECOLOGICAL INFORMATION

Methylene Chloride-LC50-310 mg/L
Methylene Chloride-EC50-1682 mg/L-48 h

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

1593
DICHLOROMETHANE, SOLUTIONS,
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15 REGULATORY INFORMATION

Methylene Chloride-RQ=1000-lbs-

* THIS SUBSTANCE IS A CHEMICAL SUBJECT TO SARA TITLE III, SECTION 313 REPORTING REQUIREMENTS.

WARNING! This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproduction harm. Methylene Chloride

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16 OTHER INFORMATION