



TGV SRAAC LIMITED

GONDIPARLA, KURNOOL - 518004

TGV SRAAC/MSDS/19
Rev. /Date: 01/03.07.2025



MSDS – METHYLENE CHLORIDE

1. Company Identification:

M/s TGV SRAAC LIMITED,
(Formerly Sree Rayalaseema Alkalies & Allied Chemicals Ltd.), Gondiparla, Kurnool.
Phone : 08518 280006, 7, 8
Toll Free No. : 1800111735

2. Product Identification:

Chemical Name : Dichloromethane
Synonyms : Methylene Chloride,
Methylene Dichloride.
Chemical Formula : CH₂Cl₂
Molecular Weight : 84.93
CAS Registry No. : 75-09-2.

3. Hazards Identification :

Colorless volatile liquid , penetrating (ether like) odor.
Inhalation: Causes anesthetic effects, nausea, drunkenness.
Skin: Contact causes irritation. Prolonged contact may result in dermatitis.
Eyes : Causes irritation, may cause temporary corneal damage.
Ingestion: Harmful. Causes burns to mouth and throat.

4. First Aid Measures :

Inhalation : Remove the victim to fresh air area and provide oxygen if required.
Skin : Remove the contaminated clothes and wash the affected area with water and soap.
Eyes ; Wash with plenty of water for about 15 minutes.
Seek medical aid.
Ingestion : Seek medical aid immediately.

5. Fire Fighting Measures:

Use CO₂, Dry chemical powder, form or water spray.
Unusual or explosive Hazards : Keep the container cool by spraying water if exposed to heat or flame.
Poisonous gases are produced in fire. Provide well ventilation to prevent formation of explosive mixture with air.
Flash point : Not pertinent
Flammability : Yes
LEL : 15.5 °C (in O₂%)
UEL : 66.4 °C (in O₂ %)
Emirs toxic fumes of phosgene& Chlorine.

6. Accidental Release Measures:

Shut off leaks if without risk. Absorb on sand or earth.
Seal all the waste in vapors tight plastic bags for eventual disposal.

7. Handling and Storage :

Keep the containers tightly closed. Store in a cool, dry, well-ventilated area, away from oxidizers and chemically active metals.

8. Exposure Controls and Protection:

Provide Organic vapors canister mask, face shield or safety goggles, protective clothing. Butyl Rubber gloves is a suitable material.

9. Physical and chemical properties:

Physical state : Colorless, volatile liquid.
Boiling point : 40 °C
Freezing Point : -96.7 °C
Specific Gravity : (at 27 °C) : 1.320
Vapor Pressure : 97.7 mm of Hg at 20 °C
Solubility in water at 30 °C : 1.2 gram / 100 gram of water.

10. Stability and reactivity:

Chemical Stability : Stable.
Incompatibility : Strong oxidizers, caustic, chemically active metals such as Aluminum, Magnesium powder, Sodium, Potassium.
Decomposition products formed: Hydrochloric acid, Phosgene, Carbon monoxide, Carbon di oxide.
Hazardous Polymerization: Not to occur.

11. Toxicological Information:

Toxicity Data :
Oral : LD50 2524 mg/kg (rat)
Inhalation : LC50 88g/meter cube (rat)
Dermal : LD50 6460mg/kg (mouse)
Skin : LD50 1500mg/kg (mouse)
Other:
Threshold limit value (TLV/TWA) : 350mg/meter cube (100ppm)
Short-term exposure limit (STEL) : None.
AcgiH denotes that substance is suspect of carcinogenic potential for man.
Risk Phases : None.

12. Ecological Information :

None.

13. Disposal Consideration:

Disposal in accordance with all applicable and federal, state and local environment regulations.

14. Transport Information:

Proper shipping name : Dichloro methane.
Hazard Classification : 6.1
U.N./N.A.No. : N 1593
Shipping label : Harmful, Stow away from food stuffs.

15. Regulatory Information:

Local Regulatory bodies:

APPCB, Kurnool.
Dy. Chief Inspector of Factories,
Kurnool.

16. Other Information:

Information containing in this MSDS is believed to be reliable. But no guarantee is made as to its accuracy, suitability for a particular application or results to be obtained from them.

Contact Person :

Mr. C. Srinivasa Babu, E.D (Tech.)
Mr. E. Ramaiah, Director (Mech.)

Phone : 08518 280006, 7, 8