

## Methylene chloride

■ **Name** : Methylene Chloride; Dichloromethane; Methylene dichloride

■ **Description**

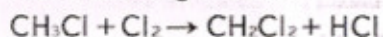
**Methylene chloride** is a clear, colorless and volatile liquid with unique pungent odor.

**Methylene chloride** is used successfully in foam blowing, pharmaceuticals and cosmetics, paint and varnish remover, plastics processing, aerosols, metal degreasing and cleaning.

**Methylene chloride** is used as a process solvent in its own right and as a highly versatile solvent for formulation work when mixed with other chemicals. **Methylene chloride's** excellent combination of chemical and physical properties, including high solvency power, stability, non-flammability and a low boiling point, have led to its use in a wide variety of applications and industries.

■ **Raw Materials** : Methyl chloride/Chlorine

■ **Manufacturing Process**



■ **Physical properties**

Appearance	Colorless, clear, volatile liquid with unique pungent odor
Mol.Weight	84.94
Sp. Gr.(20°C)	1.326
Boiling point(760mmHg)	40.4°C
Melting point	-96.7°C
Viscosity(20°C)	0.425cps
Explosion limit	12-22Vol%(open)
Flash Point	Nonflammable at ambient condition
Vapor pressure(20°C)	0.474kg/cm <sup>2</sup>

■ **Product Specifications**

wt %)	99.9 min.
Moisture (wt ppm)	100 max.
Nonvolatiles (wt ppm)	10 max.
Acidity (wt ppm, as HCl)	10 max.

■ **Packing**

- 250kg Steel drum
- ISO-Tank Container

■ **UN Number** : 1593

■ **Applications**

- Fat-on-metal removing cleanser
- Urethane foaming agent
- Medicines
- Aerosol
- Organic solvent for lower boiling point
- Reaction solvent of polycarbonate
- Textile & leather
- Print board cleanser

■ **Handling & storage**

- Extremely harmful to eyes and strongly anesthetic.
- Contact with hot matter decomposes and generates poisonous phosgene or hydrogen chloride.
- Handler must wear safety-goggles and antigas mask.
- Avoid direct sunlight and store in a ventilated and dark place.