METHYLENE CHLORIDE

GKN GROUPS
Empowering Growth

CAS Number: 75-09-2

Other Names: Dichloromethane; ethylene dichloride; Solmethine; MDC
Narkotil; Solaesthin; Di-clo; Refrigerant-30; Freon-30; R-30; DCM

Formula: CH_2Cl_2

PRODUCT INTRODUCTION

Methylene Chloride is a clear, colorless, nonflammable, volatile liquid chlorinated hydrocarbon with a sweet, pleasant smell and emits highly toxic fumes of phosgene when heated to decomposition. Methylene chloride is primarily used as a solvent in paint removers, but is also used in aerosol formulations.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless and Transparent , no suspension
Specific Gravity (at 20/20°C)	1.331
Water Content	0.0013 wt.%
Non-Volatile Substance	< 0.0003 wt.%
Free Acid (as Hydrochloric Acid)	< 0.0001 wt.%
Chloride	< 0.0001 wt.%
Purity	99.99 wt.%

APPLICATIONS

- Methylene chloride is most prominently used industrially in the production of paint strippers, pharmaceuticals and process solvents. It is an effective solvent because of its highly volatility and stability.
- Methylene chloride is used in aerosols as a strong solvent, a flammability suppressant, vapor pressure depressant, and viscosity thinner.
- Methylene chloride is used as an extraction solvent in the food and beverage manufacturing industry. For example, methylene chloride can be used to remove caffeine from unroasted coffee beans and tea leaves, to make decaffeinated coffee and tea

- Methylene chloride can be used to degrease metal surfaces and parts, such as airplane components and railroad tracks and equipment.
- In laboratories, methylene chloride is used to extract chemicals from plants or foods for medicine such as steroids, antibiotics and vitamins.
- It is used in the garment printing industry for the removal of heat-sealed transfers.

PACKING OPTIONS Tanks

Drums
