

METHYLENE CHLORIDE

CAS Number: 75-09-2

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

Formula: CH₂Cl₂

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	Clear, Colorless Liquid
Purity (Except Stabilizer)	Not less than 99.9 %
Water Content	Not more than 0.01 %
Non-Volatile Matter	0.0003 %
Chloride (as Cl)	Not more than 0.0005 %
Stabilizer (Amylene)	10 wtppm

APPLICATIONS

- Methylene chloride is most prominently used industrially in the production of paint strippers, pharmaceuticals and process solvents.
- 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.

PACKING OPTIONS

Drums
