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## Technical Data Sheet

### Methylene chloride

#### Product information

Chemical Name Methylene chloride(Dichloromethane)

Structural

Formula ClCCl

Molecular

formula: CH<sub>2</sub>Cl<sub>2</sub>

Molecular

Weight: 84.93

Appearance Colorless and transparent

Purity ≥99.95%

CAS.NO. 75-09-2

EINECSNo. 200-838-9

#### Description

Colorless transparent volatile liquid. A pungent odor similar to ether. Dissolved in about 50 times of water, soluble in phenol, aldehyde, ketone, acetic acid, phosphoric acid, ethyl acetoacetate, ethyl three cyclohexylamine.

#### Specification

Items	Specification	Results
Appearance	Colorless and transparent	Conforms
Assay	≥99.95%	99.99%
Acidity(HCL)	≤0.0003	0

Water content	$\leq 0.01\%$	0.0052%
Chroma(pt-co)	$\leq 10$	5

### **Application**

1. It is burning low boiling point solvent, acetic acid cellulose film, aerosol and antibiotics, vitamin production of solvent, also used as extraction agent, metal cleaning agent;
2. Dichloromethane is fungicide myclobutanil and Amy myclobutanil production of raw materials, is also a good solvent.
3. Extraction solvent. Such as the extraction of caffeine in coffee beans. Hops, and used as a spice oleoresin extraction solvent. Pigment diluent.
4. Used as a solvent for resins and plastics industry. Widely used in pharmaceutical, plastic and film industries.
5. Acetic acid cellulose solvent. Fats and oils. Ether and petroleum ether.

### **Packaging:**

270kgs per iron drum  
21.6tons(80drums)/20" FCL

### **Handling and Storage**

**Precautions:** Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

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