

Specifications for Methylene Dichloride (MDC)

| Parameter | Value |
|-------------------------------------|---------------------------------|
| Molecular Formula | CH ₂ Cl ₂ |
| Mol Wt | 84.93 |
| CAS # | [75-09-2] |
| Description | Clear colourless liquid |
| Purity (%) by GC | 99.90 min |
| Sp gravity @ 15/15 deg cel | 1.331-1.333 |
| Methyl chloride content in ppm | 20 max |
| Chloroform content in ppm | 40 max |
| Carbon tetrachloride content in ppm | 10 max |
| Trans-isomer content in ppm | 80 max |
| Moisture (%) | 0.02% max |
| Free chlorine in ppm | 1 max |
| Acidity as HCl | nil |

Uses:

| Industry | Application |
|---------------------------|--|
| Polymer | in mfr of polycarbonate and phenolic resins |
| Textile | in mfr of rayon yarns |
| Food | As extractant for edible fats, cocoa, butter and essences |
| Adhesive | adhesive for polymethyl methacrylate |
| Aviation | aerosol propellant and refrigerant |
| Process and Manufacturing | general purpose solvent in chemical industries including pharma, agro and fragrances |