



Ethylene Dichloride (EDC)

CAS Number	Formula
107-06-2	$\text{ClCH}_2\text{CH}_2\text{Cl}$ or $\text{C}_2\text{H}_4\text{Cl}_2$

Ethylene Dichloride is a clear, colorless, oily, synthetic, flammable liquid chlorinated hydrocarbon with a pleasant chloroform-like smell that emits toxic fumes of hydrochloric acid when heated to decomposition. It is miscible in methanol, diethyl ether, n-octanol, acetone, very slightly miscible in water.

SPECIFICATION

Acidity (as HCl)	1.67 ppm wt.
Appearance	Clear Liquid
Color (APHA)	10 APHA
Distillation Range	0.3°C
Iron	0.20 ppm wt.
Density at 15°C	1.2602 g/mL
Water	30 ppm wt.
Purity	99.98 wt.%
High Boilers	187 ppm wt.
Low Boilers	41 ppm wt.
Benzene	< 1 ppm wt.
Residue on Evaporation	< 5 ppm wt.
Free Chlorine	NIL

MAJOR USE: As a raw material in the manufacture of vinyl chloride monomer (VCM), polyvinyl chloride (PVC) pipes, packaging materials, furniture, auto mobile parts, wall coverings and housewares EDC is also used as an intermediate in the manufacture of chlorinated and fluorinated compounds.

This is a computer generated file, no signature is required.

Disclaimer: The informative content of this technical data sheet has been compiled from the result of tests carried out in a laboratory, on a number of batches. The values quoted here are based on the average of the results obtained and is intended to offer an indication of the characteristics of the products, but in no way does it imply or impose any liabilities, whatsoever, upon us. To contemplate and decide the suitability of the product and the way of its use shall be the sole responsibility of the user. To contemplate and decide the suitability of the product and the way of its use shall be the sole responsibility of the user.