

Orthodichlorobenzene

CHEMICAL NAME	1,2-dichlorobenzene, o-dichlorobenzene
CAS NUMBER	95-50-1
TECHNICAL REQUIREMENTS	<p>Appearance.....colorless, clear and volatile liquid</p> <p>1,2-dichlorobenzene, % (m/m).....min.99,8</p> <p>Other dichlorobenzenes, % (m/m)max. 0,02</p> <p>Water, % (m/m)max. 0,02</p>
GENERAL DATA	<p>Molecular mass 147,01</p> <p>Water solubility..... poor; 0,156 g/l at 20 °C</p> <p>Other solvents.....ethanol, chloroform, benzene</p> <p>Density at the temperature 20°C, g/cm³.....1,306</p> <p>Boiling point, °C.....180,5</p> <p>Solidification point, °C.....-17,03</p> <p>Ignition temperature, °C.....66</p>
APPLICATION	<p>Mainly used as a precursor in the synthesis of 1,2-dichloro-4-nitrobenzene, an intermediate used in the plant protection product industry. Applies as a versatile solvent characterized by high temperature resistance. 1,2-Dichlorobenzene is also used to soften and remove carbonaceous contaminants on metal surfaces. In the pharmaceutical industry used as an aromatic substituent in synthesis.</p>