

## Chlorobenzene

<b>CHEMICAL NAME</b>	Chlorobenzene
<b>CAS NUMBER</b>	108-90-7
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at temperature 20-25 °C.....colorless, clear and volatile liquid</p> <p>Density at temperature 20 °C, g/cm<sup>3</sup>.....1,106-1,108</p> <p>Main ingredient concentration, % (m/m).....min.99.9</p> <p>Benzene, % (m/m).....max. 0.01</p> <p>Water, % (m/m) .....max. 0,02</p>
<b>GENERAL DATA</b>	<p>Molecular mass,g/mol.....112,56</p> <p>Water solubility.....poor; 0,5g/l at 20 °C</p> <p>Other solvents.....ethanol, chloroform, benzene</p> <p>Odour..... characteristic, almonds-like</p> <p>Freezing point, °C.....below -46</p> <p>Boiling point, °C.....above 131-132</p>
<b>APPLICATION</b>	<p>It is a strong, organic solvent used in many industries i.a production of plastics (polymers, PPS). As an intermediate, it is used in many organic syntheses, f.ex. in the manufacture of herbicides, dyes or rubber. It is also used as a high boiling solvent in industrial synthesis and in laboratories. It participates in the production of organic derivatives (f.ex. phenol, nitrobenzene). Monochlorobenzene is also an important element in the production of API (Active Pharmaceutical Ingridients). Taking part in the synthesis process, for example, acetaminophen (paracetamol) or vitamin B6. In the pharmaceutical industry used in the synthesis of drugs medicines for epilepsy, thyroid and liver cancer or osteoporosis medicines.</p>

Information presented herein has been given in good faith and to the best of our current knowledge and experience. The compliance of specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be checked before the product used. The producer reserves the right to modify the information presented herein as a result of technological development and improvement of the product by the producer.

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