

LIQUID CHLORINE

CHEMICAL NAME	Chlorine
CAS NUMBER	7782-50-5
TECHNICAL REQUIREMENTS	<p>Appearance.....yellow liquid</p> <p>Chlorine, % (V/V)min. 99,6(LA/2132*)</p> <p>Water** , mg/kg.....max. 20 (LA/2133*)</p> <p>(*) – this method we show for special ask</p> <p>(**) – guarantee parameter</p>
GENERAL DATA	<p>Molar wass..... 70,91 g/mole</p> <p>Solubility in water.....partial</p> <p>Other solvents..... alkali</p> <p>Density (20 °C,9,8 bar)..... 1,41 g/cm³</p> <p>Smell..... characteristic, distinctive, pungent, suffocating</p> <p>Freezing point (1013 hPa), -101,05°C</p> <p>Boiling point (1013 hPa) -34,05°C</p>
APPLICATION	<p>Used in the paper and textile industries in bleaching process. It is also used in the disinfection of water as well as in domestic bleaching and bactericidal agents. It is one of the basic substrates in the production of many organics and inorganics chemicals f.ex. PVC - the main component in the synthesis (about 56%). It is used in the separation of metals such as copper, lead, zinc, nickel and gold from ores.</p>