

LIQUID CHLORINE, GRADE S

CHEMICAL NAME	Chlorine
CAS NUMBER	7782-50-5
TECHNICAL REQUIREMENTS	<p>Appearance yellow liquid</p> <p>Chlorine, % (V/V) min. 99,8 (LA/2131)**</p> <p>Water*, mg/kg max. 20 (LA/2133)*</p> <p>(*) – Guaranteed value</p> <p>(**) - The method is available upon request</p>
INFORMATIVE DATA	<p>Molar mass 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>Odor characteristic, 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>