

## HYDROCHLORIC ACID PURIFIED 28%

<b>CHEMICAL NAME</b>	Hydrochloric acid
<b>CAS NUMBER</b>	7647-01-0
<b>TECHNICAL REQUIREMENTS</b>	Appearance.....transparent, colorless to yellow liquid Hydrogen chloride, % (m/m) .....min: 28 Iron (Fe), mg/kg.....max. 50 Available chlorine, mg/kg .....max. 50 Calcined residue as SO <sub>4</sub> <sup>2-</sup> , mg/kg.....max. 500

<b>GENERAL DATA</b>	Molecular weight, g/mol.....36,5 Solubility in water..... unlimited Other solvents.....ethanol, ethyl ether Density at temp. 20°C, g/cm <sup>3</sup> .....1,12-1,17 Boiling point, °C.....98 Solidification point, °C.....-63
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### APPLICATION

Industrial/consumer use as water treatment chemical.  
Intermediate: production of chemicals, soaps & detergents, pharmaceuticals, cosmetics, plant protection products.  
Industrial/professional use as pH-regulator, flocculant, precipitant, neutralization agent.  
Use as washing & cleaning product. Use as a laboratory chemical.  
Use in welding and soldering products.