

HYDROCHLORIC ACID MIN. 33%

CHEMICAL NAME	Hydrochloric acid
CAS	7647-01-0
TECHNICAL REQUIREMENTS	Appearance transparent, colorless to yellow liquid Hydrogen chloride [% (m/m)] min. 33 Iron (Fe) [mg/kg] max. 5 Arsenic (As) [mg/kg].....max. 0.05 Free chlorine [mg/kg]..... max. 5 Sulphuric acid as SO ₄ ²⁻ [mg/kg]max. 100 Heavy metals precipitated by hydrogen sulphide as Pb ²⁺ [mg/kg] max. 5 Organic compounds max. 5

* parameter determined on customer's request

INFORMATIVE DATA**	Solubility in water unlimited Other solvents ethanol, ethyl ether Density at 20°C [g/cm ³] 1.16 – 1.17 Initial boiling point [°C]..... above 80 Solidification point [°C] below -40 Molecular weight [g/mol]36,5 Odour pungent, suffocating
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** These informative data are not technical requirements and cannot form the basis for any claims.

USE

Water treatment agent.
 Intermediate in the production of chemicals, soaps and detergents, pharmaceuticals, cosmetics, plant protection products.
 PH regulator, flocculant, neutralizing agent.
 Application as a washing and cleaning product.
 Application as a laboratory reagent.
 Application in welding and soldering products.