

Hydrochloric acid purified grade, min. 28%

CHEMICAL NAME Hydrochloric acid

CAS NUMBER 7647-01-0

TECHNICAL REQUIREMENTS Appearancetransparent, yellowish liquid

Hydrogen chloride, % (m/m) Min. 28
(ASTM E224-08)

Available chlorine*, mg/kg..... Max. 50
(LA/2185)

Iron (Fe)*, mg/kg Max. 50
(PN-ISO 6685:2002)

Calcined residue as SO_4^{2-} *,mg/kg.....max. 500
(LA/2126)

* parameter guaranteed

INFORMATIVE DATA**

Solubility in water unlimited

Other solvents..... ethanol, ethyl ether

Density at the temperature. 20°C, g/cm³.....1,12-1,17

Boiling point, °C 98

Solidification point, °C.....-63

Molecular mass, g/mol..... 36,5

** These informative data are not technical requirements and cannot form the basis for any claims.

USE

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.

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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