

i GENERAL DESCRIPTION

Hydrochloric acid is a colorless to yellow-greenish liquid, with pungent odor. The product can be mixed in any proportion with water, acetic acid, ethyl alcohol, chloroform, acetone, etc. Hydrochloric acid is a strong acid and also a very stable compound. At heat (over 1500°C) it decomposes in hydrogen and chlorine.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values	
			Type I	Type II
1	Appearance	-	clear liquid	
2	Color	-	colorless to yellow-greenish	
3	Hydrogen chloride (HCl), min.	%	32	
4	Iron (Fe), max.	%	0.001	0.002
5	Chlorine (Cl ₂), max.	%	0.01	

🧪 APPLICATIONS

- inorganic and organic chemical industry as feedstock;
- oil industry as neutralizing agent;
- in water demineralization plants as regenerating agent for ion exchange resins;
- metallurgical and machine building industry as a degreasing agent.

📄 GENERAL CHARACTERISTICS

Specific Properties	Values
pH	0.1 (solution 4%)
Boiling point	-84°C
Density, g/cm ³	1.19
Ignition temperature	not ignitable

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

📦 PACKING

It is packed in ebonite lined steel tanks, property of the supplier or the beneficiary.

🏠 STORAGE

It is stored in ebonite lined steel tanks equipped with degassing pipes.

🚚 TRANSPORT

Hydrochloric acid solution can be shipped according to transport regulations for dangerous goods, hazard class 8, Corrosive substance.

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.