

HYDROCHLORIC ACID PURE 37% PF

TECHNICAL SPECIFICATION	PRODUCT
NUMBER	TSP: KC/049/03
DATE	26.05.2026
CHEMICAL NAME	Hydrochloric acid
TECHNICAL REQUIREMENTS	<p>Appearance transparent, colorless solution (Ph. Eur. 12 + Suppl.)</p> <p>Hydrogen chloride *, % (m/m).....35,0-39,0 (Ph. Eur. 12 + Suppl.)</p> <p>Available chlorine *, ppm..... max. 4 (Ph. Eur. 12 + Suppl.)</p> <p>Sulphates*, ppm..... max. 20 (Ph. Eur. 12 + Suppl.)</p> <p>Residue on evaporation at 105 °C *, % (m/m)..... max. 0,01 (Ph. Eur. 12 + Suppl.)</p> <p>Heavy metals *, ppm max. 2 (Ph. Eur. 8 + Suppl.)</p> <p>* guaranteed value</p>
INFORMATIVE DATA**	<p>Solubility in water unlimited</p> <p>Other solvents ethanol, ethyl ether</p> <p>Smell sharp, suffocating</p> <p>Boiling point, °C above 50</p> <p>Solidification point, °C below -25</p> <p>Molecular mass 36,5</p>
	** These informative data are not technical requirements and cannot form the basis for any claims.
USE	<p>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.</p> <p>Use as washing & cleaning product.</p> <p>Use as a laboratory chemical.</p> <p>Use in welding and soldering products</p>
PACKAGING	Rail and road tanks protected against corrosion, polyethylene containers.
STORAGE	Store in tightly closed packages or earthed steel containers outdoors or in roofed and well-ventilated rooms.

The range of temperatures in which the product properties do not change: -20 °C to 30 °C, in higher temperatures the hydrogen chloride desorption occurs.

SHELF LIFE	Unlimited in proper storage conditions.
TRANSPORTATION	This product is regulated for carriage according to ADR/RID, IMDG, ICAO/IATA UN Number: 1789 Proper shipping name: HYDROCHLORIC ACID Transport hazard class(es): 8 Packing group: II
CLASSIFICATION AND LABELLING	This technical specification is applicable only if accompanied by the Safety Data Sheet in force. Pursuant to statutory requirements, only the Safety Data Sheet includes updated safety information.

The information contained herein is provided in good faith, based on our state of the art knowledge and experience. We reserve the right to amend this Technical Specification as a result of technological progress and product development by the manufacturer.

This product is intended for the purposes specified herein, for industrial and professional use. To use the product for purposes other than indicated herein, please contact **PCC Rokita SA** for consultation sending an e-mail to: chloroalkalia@pcc.eu.

We cannot assume any liability for the use and application of our products, technical assistance and information provided (whether verbal, written or by way of product evaluations), including any suggested formulations and recommendations.

Therefore, it is imperative that you test our products, technical assistance and information provided to determine to your own satisfaction whether they are suitable for your needs, production, your intended uses and applications. Such analysis adopted to the conditions of the use and application should include at least application tests, technical feasibility of the suggested solutions, taking into account safety requirements, health and environmental issues.

Unless otherwise specified in writing, our products are offered under our applicable Standard Terms and Conditions of Sale available on our website. Any information, including technical assistance, is provided without warrant and can change at any time without notice. The parties explicitly agree that the Customer accepts and explicitly releases us from any liability in tort, contract or otherwise, for any loss or damage arising from the use of our products, information or technical assistance. Any declarations and recommendations other than stated herein are not valid or binding. Nothing in this document is intended to be a recommendation to use any product in violation of patent claims concerning material of intended use.

NOTE: Any additional clauses of limitation of liability for the use of the product (e.g. for medical, pharmaceutical, food-related or cosmetic purposes) must be agreed separately with a legal counsel.