



Certified to
NSF/ANSI/CAN 60

Technical Data Sheet

HYDROCHLORIC ACID 31%



PRODUCT DESCRIPTION

Hydrochloric Acid "HCl" is a highly corrosive, colorless solution of hydrogen chloride gas dissolved in water, and known for its sharp, pungent odor. This strong acid is widely used in industrial and laboratory settings due to its high reactivity and acidic properties. It is typically supplied in various concentrations and requires storage in corrosion-resistant containers.

	Units	BCI Specifications	Test Methods
Appearance	-	Clear liquid	ASTM-E2680
Purity	%	30.0 – 33.0	ASTM-E224
Specific gravity	-	1.135 – 1.160	ASTM-D1298
Free Chlorine (Cl ₂)	ppm	5.0 Max	DIN EN ISO 7393-1
Iron (Fe)	ppm	2.0 Max	HACH (Method 8008)

All technical data stated in this TDS are based on our actual laboratory analysis.

APPLICATIONS

Hydrochloric Acid is widely used in industries for producing chlorides, fertilizers, dyes, and PVC. It plays a crucial role in steel pickling, pH adjustment, resin regeneration, and applications in electroplating, textiles, rubber, and photography.

ECOLOGY, HEALTH & SAFETY

For more information on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS).

AVAILABLE PACKAGING

- Bulk Road Tanker (25 MT)

DISCLAIMER

All sales by BCI, its subsidiaries, or affiliates "seller", are governed by the seller's standard terms and conditions of sale, available upon request unless otherwise agreed in writing. While information and recommendations regarding product application and end use are provided in good faith based on current knowledge and experience, the seller makes no warranty, express or implied, regarding merchantability, fitness for a particular purpose, or liability arising from use. Customers must evaluate the suitability of the product for their intended application, ensure compliance with third-party proprietary rights, and refer to the most recent product Datasheet, available on our site or upon request, for accurate guidance.

Version 04: 10-30-2025

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