

NAME TAG

Liquid Hydrochloric Acid for food
Liquid HCl for food

INVENTORIES REGISTRATION

N° CAS : 7647-01-0
N° EINECS : 231-595-7
N° REACH : 01-2119484862-27-0092

MAIN APPLICATIONS

- Food additive E507 (by decree 02 May 2001)
- Technological auxiliary in the manufacturing of foodstuffs (by decree 19 October 2006)
- Manufacturing of active pharmaceutical ingredients
- Aspartame manufacturing
- Regeneration of ion exchange resins
- Water treatment
- Gelatin manufacture

CONDITIONING - PACKAGING

27 tons Bulk Truck or iso container.
65 tons tank wagon.

Ebonite interior coating or with compatible resin base

SPECIFICATIONS

Analyses	Specification	Typical values*
HCl, wt%	35 ±1	35.0
Density at 20°C	1.174	1.174
Color, hazen	≤ 20	10
Iron (Fe), mg/kg	≤ 1	0.18
Oxidizing Material, mg/kg	≤ 30	15.8
Organic Components, mg/kg	≤ 1	< 0.3
Arsenic (As), mg/kg	≤ 0.05	< 0.05
Cadmium (Cd), mg/kg	< 0.35	< 0.01
Chromium (Cr), mg/kg	< 1.05	< 0.01
Mercury (Hg), mg/kg	< 0.1	< 0.05
Nickel (Ni), mg/kg	< 1.05	< 0.01
Lead (Pb), mg/kg	< 1	< 0.01
Antimony (Sb), mg/kg	< 0.35	< 0.01
Selenium (Se), mg/kg	< 1.75	< 0.01
Fluorides, mg/kg	< 25	0.01
Nonvolatile residue, %pds	< 0.5	< 0.01
Sulfates, mg/kg	≤ 20	2

**Control Plan*

PHYSICAL PROPERTY

Determination	Specification
Odor	Pungent
pH,-	≤ 1

HYDROCHLORIC ACID 35% LIQUID Grade Food in compliance with:

- Food Chemical Codex (FCC), FCC 9th edition
- Standard EN 939 requirements of hydrochloric acid used for water treatment intended for human consumption
- Regulation (UE) 231/2012 establishing specifications for food additives.
- Kosher certified

Application of the HACCP initiative for the storage and marketing of hydrochloric acid*

** Hazard Analysis Critical Control Point: System aiming to identify, estimate and master the significant relative dangers to food safety.*

SAFETY - STORAGE - HANDLING - LABELING - TRANSPORT – REGULATION

- Store in sealed packaging, in a dry well-ventilated place.
- Recommended materials for storage and handling: glass, plastics, graphite, coated steel
- Shelf life: 5 years
- For Further information refer to the safety data sheet (available on request)

IMPORTANT

The information given on this sheet is based on our knowledge of the product at the time of publication and given in good faith.

They have only one indicative value and imply, consequently, no engagement of our share. The attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended.

We guarantee that our products respect our specifications of sales.

These specifications should not replace the essential preliminary tests to make sure of the adequacy of the product to the use considered.

It is up to the users to make sure of the respect of the local legislation and to obtain the homologations and authorizations possibly necessary.

The users are invited to check that they are in possession of the last version of this document; we remain at their disposal to provide any additional detail.