

**Identification**

HCl  
M = 36,46 g/mol  
CAS [7647-01-0]  
EC number: 231-595-7  
Taric code: 2806 10 00

**Synonyms**

Hydrogen chloride - water solution

**Applications**

analytical chemistry, laboratory reagent, titrant in volumetric analysis, for the analysis of: fats.

**Specifications**

hydrochloric acid 37 %.....	50 ml	water .....	50 ml
		residue on evaporation.....	max. 0,001 %

**Physical data**

- Density: 1,10 g/cm<sup>3</sup>
- pH(20 °C) < 1

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321: Specific treatment (see on this label).
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 C1 II • UN 1789 • HYDROCHLORIC ACID
- IMDG: 8 II • UN 1789 • HYDROCHLORIC ACID
- IATA/ICAO: 8 II • UN 1789 • HYDROCHLORIC ACID
- PAX: 809
- CAO: 813
- 10°C - 30°C