

Hydrochloric acid-water, solution 50:50 v/v, for analysis, ExpertQ®**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/cm³
- 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