

h1>Hydrochloric acid s 33% [7647-01-0]



CAS number: **7647-01-0**

Summary formula: **HCl**

Molar mass: **36.46 mol**

Synonyms: **hydrochloric acid**

Translation [ENG]: **hydrochloric acid**

Application: **Hydrochloric acid is one of the most important acids in industry (including textile, plastic, pharmaceutical, tanning, sugar, dye production, ore extraction). It is also used to clean metal surfaces and in geology to analyze minerals. In addition, together with nitric acid forms royal water, used, among others for pulping precious metals.**

VARIATIONS

Image	Price	Pack size
 $\text{Cl}^- \text{H}^+$	£14,25 gross £11,59 netto	30 L

Image	Price	Pack size
 $\text{Cl}^- \text{H}^+$	£266,00 gross £216,26 netto	1100 kg

PRODUCT DESCRIPTION

Hydrochloric acid 33% [7647-01-0]

Hydrochloric acid is one of the most important acids in the industry (including textiles, plastics, pharmaceutical, tanning, sugar, dye production, ore extraction). It is also used to clean metal surfaces and in geology to analyze minerals. In addition, together with nitric acid forms royal water, used, among others for pulping precious metals.

Appearance colorless, clear liquid

Roasting residue (SO₄) max. 0.001%

Sulphates (SO₄) max. 0.0002%

Sulphites (SO₃) max. 0.0005%

Free chlorine (Cl₂) max. 0.0002%

Heavy metals (Pb) max. 0.0001%

Arsenic (As) max. 0.000005%

Zinc (Zn) max. 0.00005%

Aluminum (Al) max. 0.0001%

Magnesium (Mg) max. 0.00005%

Manganese (Mn) max. 0.00005%

Copper (Cu) max. 0.00005%

Nickel (Ni) max. 0.00005%

Lead (Pb) max. 0.00005%

Iron (Fe) max. 0.0001%

[Product specification](#)

Hazard pictograms

Labels for hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)