

**Product Name****Hydrochloric acid 32%****Grade: Laboratory****Synonyms**

Hydrogen chloride solution

**CAS Number**

7647-01-0

**General Information**

<b>Chemical formula:</b>	HCl	<b>Molar Mass:</b>	36.46 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	1.16 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C)	<b>Melting point:</b>	-40 °C
<b>Boiling point:</b>	110 °C	<b>Flash point:</b>	11 °C
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Corrosive
<b>R:</b>	34-37	<b>S:</b>	26-36/37/39-45
<b>HS-No.:</b>	2806 10 00	<b>EC-Index-No.:</b>	231-595-7

**Hazard Symbol****Specification**

Assay	30 - 34	%
Identification (Chloride)	Conforms	
Density @ 20 °C	~ 1.16	g/cm <sup>3</sup>
Sulfate (SO <sub>4</sub> )	Conforms	
Appearance of solution	Conforms	
Heavy metals	≤ 5	ppm
Residue on evaporation	≤ 0.008	%
Free Chlorine	Conforms	

**Ordering Information**

Volume:	1 L	2.5 L	5 L	10 L	20 L
<b>Plastic</b>	235.05.01000.02	235.05.02500.02	235.05.05000.02	235.05.10000.02	235.05.20000.02
<b>Glass</b>	235.05.01000.01	235.05.02500.01	–	–	–