



# Product Specification

**Product Name:** HYDROCHLORIC ACID 32% LR

Alternate Name(s)

Description

Colourless or slightly yellow, fuming, pungent liquid.

Properties

Chemical Formula: HCl

Molecular Weight: 36.46

Product Code: HL020

CAS No. 7647-01-0

General Information:

Aqueous solution of the gas hydrogen chloride. Soluble in alcohol and benzene. Incompatible with strong bases. Highly corrosive to most metals. Non combustible material.

Hazard and Safety Data

UN Group: II  
Class: 8  
UN Number: 1789  
Hazchem code: 2R  
CS MSDS Code: 1CH34  
Poison schedule: S6  
Emergency Procedure Guide No.: 40

Quality Specification

Assay: 31.5% w/w min.

Specific Properties and Impurities [Typical levels]:

Iron	≤ 0.001%
Melting Point	-46.2 °C
Vapour Pressure	17.8 mm Hg (20 °C)
Specific Gravity	1.15
Odour Threshold	1 - 5 ppm
pH Value	<1

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