

Technical Data Sheet

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Item Name:

HCl

PRODUCT INFORMATION

Chinese Name:	盐酸
Commodity Name:	Hydrochloric Acid
Chemical Name:	Hydrochloric Acid
Other Name:	Muriatic Acid, Hydrogen Chloride (Acid), Chlorohydric Acid
CAS No.:	7647-01-0
Molecular Weight:	36.46
Molecular Formula:	HCL
DG Class:	8.1
UN No.:	1789
Packing Group:	II

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless to light yellow transparent liquid
Acidity (HCL) by wt %	30 - 35
Density (20°C) by g/cm ³	1.15 - 1.16
Fe by ppm	5 max
Chloride by ppm	10 max

MAIN APPLICATION

The human body: hydrochloric acid belongs to a component of gastric juice, gastric juice can help activate ph value which is required in the pepsin, it can also be used to kill bacteria inside the stomach. Dye industry, hydrochloric acid features neutralize after cotton bleaching, after treated by hydrochloric acid, Dye material can be soluble in water. Metal processing: hydrochloric acid can be used to dissolve metal oxide, to remove rust stains and make metal surface more solid, in order to achieve a good result for anti-corrosion.

PACKING, LOADING AND SHELF LIFE

Packing: 1150kg/IBC

Loading: 23mt/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.