

# PRODUCT DATA SHEET

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## HYDROCHLORIC ACID (HCL)

**HCL is a colourless to slightly yellow toxic and corrosive liquid with a minimum concentration of 30%. HCL is a mercury free product, is thermally stable up to about 1500 degrees Celsius but appreciable disassociation takes place above this temperature and it is an aggressive reagent and attacks almost all metal alloys.**

### APPLICATION

HYDROCHLORIC ACID is one of the most widely used chemicals throughout industry. It is used for the manufacture of other chemicals and pharmaceuticals, refining and processing of metallurgical extraction processing, regeneration cation resins and pH adjustment.

HYDROCHLORIC ACID can be handled, transported, and stored without creating an undue threat to man and the environment provided that suitable systems are implemented, and the necessary precautions taken.

(Please refer to NCP's safety data sheet for more information on storage and handling of our HCL.)

### TYPICAL PROPERTIES

Appearance :	Colourless to slightly yellow fuming liquid
Hydrochloric Acid :	30% m/m min
Specify gravity :	1.152 min at 2°C
Iron :	15mg/kg max
Free chlorine :	10mg/kg max

### TECHNICAL SERVICE

The Specialities division has a team of technical experts who will undertake all the necessary investigations and trials to ensure that you obtain the most effective treatment solutions. To ensure the best results are achieved optimum product dosage and ideal plant conditions are required.

### OTHER PRODUCTS

NCP Chlorchem specialises in a wide range of products. The range includes:

POLYAMINES	CAUSTIC SODA LYE (NaOH)
POLYDADMACS	HYDROCHLORIC ACID
ALUMINIUM CHLOROHYDRATE	SODIUM HYPOCHLORITE
ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS	CHLORINATED PARAFFIN
ALUMINIUM CHLOROHYDRATE/POLYDADMAC BLENDS	
FERRIC CHLORIDE	