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**HYDROCHLORIC ACID 36%
COMMERCIAL**

MARCH 2006

<u>Description:</u>	Clear, colourless to pale yellow liquid		
<u>Synonyms:</u>	Muriatic Acid, Hydrogen Chloride Solution, Spirits of Salts, Chlorohydric Acid		
<u>CAS NO:</u>	7647-01-0	<u>FORMULA:</u>	HCl
<u>MW:</u>	36.46	<u>EINECS NO:</u>	231-595-7

Specification

Assay (w/w)	35.6 – 36.6 %
Specific Gravity (20/20°C)	1.177 – 1.182
Sulphated residue on ignition	0.2 % max
Sulphate (as H ₂ SO ₄)	0.6 % max
Iron	10 ppm max
Arsenic	2 ppm max
Lead	2 ppm max
Copper	2 ppm max
Mercury	0.1 ppm max
Cadmium	0.1 ppm max
Oxidising substances (as Cl ₂)	100 ppm max
Reducing substances (as SO ₂)	100 ppm max
Total Organics	100 ppm max

Revision 06

Univar Ltd's Standard Conditions of Sale apply to sales of all products
Refer to the appropriate Safety Data Sheet for health, safety and environmental information