



15185 Main Street
Lemont, IL 60439
630-257-3900

PRODUCT SPECIFICATION SHEET

Hydrochloric Acid 20° Specification

Date: April 1, 2002

Rev#:3

Chemical Formula: Muriatic Acid (Hydrochloric Acid)

<u>PARAMETER</u>	<u>SPECIFICATION</u>
Assay, Degrees Baume'	20° minimum
Hydrogen Chloride, wt % as Hcl	31.45 % minimum
Iron, ppm as Fe	5 ppm maximum
Sulfate, ppm as SO ₄	50 ppm
Heavy Metals as Pb, ppm	1 ppm maximum
Oxidizing Substances as Cl ₂	30 ppm maximum
Reducing Substances as SO ₃	70 ppm maximum
Color, APHA	30 maximum
Extractable Organic Compounds	
Total Organic Compounds (Non Fluorine Containing)	5 ppm maximum
Fluorinated Organic Compounds, ppm	25 ppm maximum
Nonvolatile Residue	50 ppm maximum

* Meets the requirements of the Food Chemical Codex, Second Supplement to the Fourth Edition.