Summary Technical Data Sheet

Hydrochloric Acid 20° Bé

Product Name: Hydrochloric Acid 20° Bé
CAS Number: 7647-01-0
Formula: HCl
Molecular weight: 134.08 g/mol
Synonym: Muriatic Acid
Applearance: light yellow liquid
Boiling Point:50.5° C
Melting Point:-30° C
Specific Gravity: 1.19 gm/ml
Solubility: miscible with water

Typical Product Specifications

Properties	Specifications
Assay, °Baumé	≥ 20.0%
HCl % weight	≥ 31.45%
Fe	≤ 1.5%
Color, APHA	≤ 30

Hydrochloric acid is widely used in industry, including steel pickling, food production, oil well acidizing, ore processing, and chemical manufacturing.

Steel Pickling: Hydrochloric acid is used in pickling operations to remove iron oxides and scale from carbon, alloy and stainless steels. Hydrochloric acid is also an etchant and cleaner for different metals.

Chemical Manufacturing: Hydrochloric acid is an important chemical reagent used for the production of calcium chloride from limestone, vinyl chloride/PVC resins, and many chlorinated chemicals.

Oil well acidizing: Hydrochloric acid is used for the removal of rust, scale and fouling carbonate build-up in oil wells to facilitate the flow of crude oil and gas.

Ore Processing: Hydrochloric acid is required in the mining industry for ore extraction and processing, as well as water treatment.

Storage and Handling: Store in a cool and dry place and in tightly closed container. Store separately from alkali and strong bases.

Packaging: 24 kg, 26 kg, 240 kg

Transport Regulations: UN 1789, Class 8, Packing Group II.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.

Aqua Bond Inc. · PO Box 63635, Toronto, ON M1V 5K2·Tel. 416·754·7211·www.aquabond.ca