AQUABOND
Chemistry for Tomorrow

Summary Technical Data Sheet

Glacial Acetic Acid 99.5%

Product Name: Glacial Acetic Acid 99.5%
CAS Number: 64-19-7
Formula: CH_3COOH
Molecular weight: 60.05 g/mol
Density: 1.05 kg/L
Appearance: liquid
Melting point : 16 °C
Boiling point: 117-119 °C
Solubility: miscible with water

Typical Product Specifications

Properties	Specifications
Acetic acid	≥ 99.5 %
Water	≤ 0.15 %
Formic acid	≤ 0.0500 %
Aldehydes (as acetaldehyde)	≤ 0.0500 %
Heavy metals (as Pb)	≤ 0.5 ppm
Iron	≤ 0.40 ppm
Chlorides	≤ 1.0 ppm
Sulfates	≤ 1.0 ppm
Sulfurous Acid	≤ 1.0 ppm
Distillation range	≤ 1.0 °C

Glacial acetic acid is pure (undiluted) acetic acid that is a liquid with a sharp vinegar-like odor. Acetic acid has many applications as a chemical reagent for the production of vinyl acetate, acetate esters, acetic anhydride and others. Acetic acid is used in the production of vinyl acetate, which is polymerized into poly(vinyl acetate) for applications in adhesives. Acetic acid is also an effective descaling agent.

Storage and Handling: Store in a dry and cool place and in a tightly closed container.
Keep away from strong oxidants and alkali.

Packaging: 23 kg, 215 kg

Transport Regulations: UN 2789, Class 8(3), 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.

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