

Glacial Acetic Acid

High-purity acetic acid for qualified food acidulation and chemical intermediate applications.

CAS No. 64-19-7	EC / List No. 200-580-7	Transport Class 8 — Corrosive; subsidiary risk 3
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Product Information

High-purity acetic acid for qualified food acidulation and chemical intermediate applications.

Specifications

Parameter	Specification
Appearance	Colourless liquid
Odour	Sharp vinegar-like odour
Assay	≥99.8 %
Permanganate test	Pass
Evaporation residue	≤0.005 %
Freezing point	≥16.2 °C
Heavy metals, as Pb	≤2 mg/kg
Arsenic	≤1 mg/kg

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C2H4O2
Molecular weight	60.05 g/mol

Applications

Food acidulation: Ingredient for qualified food acidulation and acidity control.

Flavour and vinegar formulation: Acetic acid component for technically supervised flavour and vinegar-type formulation development.

Chemical intermediate production: Feedstock for acetate derivatives and selected chemical syntheses.

Packaging / Storage

Item	Information
Packing	200 kg acid-compatible drums (conventional packing option)
Storage	Store tightly closed in compatible acid-resistant containers in a cool, dry, well-ventilated area. Keep away from heat, sparks, flames, strong oxidizers, strong bases and incompatible metals. Provide spill containment.
Handling	Use closed transfer and effective local ventilation. Wear acid-resistant gloves, splash goggles, face protection and suitable protective clothing. Control ignition sources and static discharge; maintain accessible eyewash and emergency washing facilities.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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