

Glyoxylic Acid 50%

Aqueous aldehyde-acid intermediate for selected fine-chemical and specialty synthesis.

CAS No. 298-12-4	EC / List No. 206-058-5	Transport Class 8 — Corrosive
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Product Information

Aqueous aldehyde-acid intermediate for selected fine-chemical and specialty synthesis.

Specifications

Parameter	Specification
Appearance	Light-yellow aqueous liquid
Glyoxylic acid content	≥50.0 %
Glyoxal	≤0.50 %
Oxalic acid	≤1.0 %
Nitric acid	<0.20 %
Iron	<0.01 %
Heavy metals	<0.002 %

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

Typical Properties

Property	Typical Value
Molecular formula	C ₂ H ₂ O ₃
Molecular weight	74.04 g/mol

Applications

Flavour and fragrance intermediates: Aldehyde-acid building block for selected flavour and fragrance synthesis routes.

Pharmaceutical and agrochemical synthesis: Intermediate for technically supervised synthesis.

Specialty chemical development: Reactive intermediate for selected fine-chemical and formulation chemistry.

Packaging / Storage

Item	Information
Packing	250 kg plastic drums
Storage	Store locked and tightly sealed in compatible original containers in a cool, shaded, ventilated area. Protect from sunlight and excessive heat; segregate from bases and strong oxidizing agents.
Handling	Use contained liquid transfer and local extraction where needed. Prevent splashes and mist; wear chemical-resistant gloves, protective clothing, goggles and a face shield. Provide accessible eyewash and emergency washing facilities.

Company Contact

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