

Glutaraldehyde

Dialdehyde biocide and crosslinker for industrial formulation and process applications.

CAS No. 111-30-8	EC / EINECS 203-856-5
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Product Information

Glutaraldehyde is supplied as transparent colorless or light yellow liquid. Grade: 50% aqueous solution.

Specifications

Parameter	Specification
Assay	≥ 50.0%
Appearance	Transparent colorless or light yellow liquid
pH at 25 °C	3.0 - 5.0
Color	≤ 50 Hazen
Methanol	≤ 5.0% or ≤ 0.5% according to grade

Typical Properties

Property	Typical Value
Synonym	Pentanedial
Molecular formula	C5H8O2 (active)
Molecular weight	100.12 g/mol (active)

Applications

Industrial water and oilfield microbial control: Used as a component in industrial water and oilfield microbial control. Evaluate compatibility and process requirements before use.

Leather tanning and crosslinking: Used as a component in leather tanning and crosslinking. Evaluate compatibility and process requirements before use.

Disinfectant formulation manufacture: Used as a component in disinfectant formulation manufacture. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	220 kg plastic drum or 1150 kg IBC drum.
Storage	Store sealed in a cool and dry condition. Avoid contact with strong oxidants and incompatible materials.
Handling	Use local exhaust ventilation where needed. Wear chemical-resistant gloves and eye protection; avoid splashes and aerosol formation. Follow the product SDS for additional controls.

Company Contact

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