

DDAC

Cationic quaternary ammonium biocide for industrial formulation and process applications.

CAS No. 7173-51-5	EC / EINECS 230-525-2
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Product Information

DDAC is supplied as clear, colorless to pale yellow liquid. Grade: Active matter ≥ 80%.

Specifications

Parameter	Specification
Appearance	Clear, colorless to pale yellow liquid
Active Matter	≥ 80.0%
Free Amine	≤ 2.0%
pH (10% aqueous solution)	4 - 8
Ethanol	About 20%

Typical Properties

Property	Typical Value
Synonym	Didecyldimethylammonium chloride
Molecular formula	C ₂₂ H ₄₈ ClN (active)
Molecular weight	362.08 g/mol (active)

Applications

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

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

Wood and material preservation: Used as a component in wood and material preservation. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	180 kg plastic drum; typical loading about 14.4 MT per 20 FCL.
Storage	Store up to two years in a shady, dry room in sealed original containers.
Shelf life	2 years in unopened original packaging
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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