

N,N-Bis(3-aminopropyl)dodecylamine

Amine-based antimicrobial active for industrial formulation and process applications.

CAS No. 2372-82-9	EC / EINECS 219-145-8
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Product Information

N,N-Bis(3-aminopropyl)dodecylamine is supplied as clear liquid. Grade: Amine value 341–365 mg HCl/g.

Specifications

Parameter	Specification
Appearance	Clear liquid
Total Amine Value	341 - 365 mg HCl/g
Color, APHA	≤ 200
Water	≤ 1.5%

Typical Properties

Property	Typical Value
Synonym	Laurylamine dipropylenediamine
Molecular formula	C ₁₈ H ₄₁ N ₃
Molecular weight	299.54 g/mol
Transport reference	Class 8 corrosive liquid; refer to the SDS for reference shipping information

Applications

Disinfectant formulations: Amine-based component for formulated disinfectants.

Fungicidal formulation development: Long-chain triamine component for fungicidal formulations.

Algal-control formulations: Active ingredient for industrial algal-control formulation development.

Packaging / Storage

Item	Information
Packaging	850 kg IBC tank, or packaging according to confirmed order.
Storage	Store sealed in original packaging in a cool, dry and well-ventilated area away from acids and oxidizers.
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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