

DBNPA

Non-oxidizing industrial biocide for industrial formulation and process applications.

CAS No. 10222-01-2	EC / EINECS 233-539-7
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Product Information

DBNPA is supplied as colorless to yellowish transparent liquid. Grade: 20% solution.

Specifications

Parameter	Specification
Appearance	Colorless to yellowish transparent liquid
pH	2.0 - 5.0
Assay	19.0 - 21.0%
Density	1.150 - 1.250 kg/L

Typical Properties

Property	Typical Value
Synonym	2,2-Dibromo-3-nitrilopropionamide
Molecular formula	C ₃ H ₂ Br ₂ N ₂ O (active)
Molecular weight	241.87 g/mol (active)

Applications

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

Paper and pulp process water: Used as a component in paper and pulp process water. Evaluate compatibility and process requirements before use.

Oilfield water systems: Used as a component in oilfield water systems. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	25 kg/200 kg drum or 1000 kg IBC, according to confirmed order.
Storage	Store sealed in a cool, dry and well-ventilated area away from heat, sunlight, alkalis, reducing agents 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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