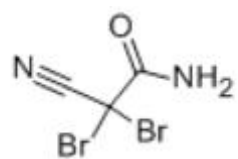


Technical Data Sheet

Basic information

Chemical name	2,2-Dibromo-3-Nitrilopropion Amide	Formula	C ₃ H ₂ Br ₂ N ₂ O
Synonyms	DBNPA	Chemical structure	
CAS.No.	10222-01-2		
EINECS No.	233-539-7		
Molecular weight	241.87		

Physical properties for DBNPA 99% powder

Appearance	White or pale yellow crystalline powder
Density, 20°C, g/cm ³	2.451
Boiling point, °C	221.5°C at 760 mmHg
Melting point, °C	122~126
Flash point, °C	87.8
Solubility	Soluble in general organic solvents (such as acetone, benzene, dimethyl formamide, ethanol, polyethylene glycol, etc.), slightly soluble in water (25 °C, 100g water dissolved 1.5g)

Specification

Items	DBNPA 99% powder
Appearance	White or almost crystalline powder
Ph value(1% aqua)	4.0—6.5
Melting point °C	122---126
Loss on drying, wt %	≤0.5
Assay, %	≥99.0

Items	20% water solution
Appearance	Clear Light yellow liquid
Assay, %	≥20%.0
PH Value	4.0-7.0

Application

Industrial fungicides	As a broad-spectrum and efficient industrial fungicide used to prevent the growth and reproduction of bacteria and algae in papermaking, industrial circulating cooling water, metal processing lubricants, pulp, wood, coatings and plywood, , Widely used in paper mill pulp and circulating cooling water system
Biocide	As a broad spectrum of highly efficient biocide, can quickly penetrate the microbial cell membrane, and act on a certain protein group, so that the normal reduction of cells to stop, resulting in dilute
Other use	For the pharmaceutical intermediates, sterilization algae, industrial sewage treatment agent, the goods is a broad-spectrum efficient biocide.

Package

- 99% powder: 25kg/bag, 20mt per 20'fcl;
- 99% powder: 25kg/fiber drum, 16mt per 20" fcl.
- 20% solution: 1000kg/IBC, 20mt/20" fcl. Or 200kg/drum, 16mt/20" fcl.

Safety on transportation

It belongs to 8 hazard cargo, always refer to SDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Safety Data Sheet (SDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 1st,12,2024