



2,2-Dibromo-3-Nitrilopropion Amide [DBNPA]

SYNONYMS:

2-Cyano-2,2-dibromoacetamide;2,2-Dibromo-2-cyanoacetamide;2,2-dibromo-2-carbamoylacetonitrile; D-244;DBNPA;2,2-Dibrom-2-Cyanoacetamide;2,2-Dibromo-3-Cyanoacetamide;2,2-Dibromo-3-Nitrilo-propionamide;DBNPA;

CAS No: 10222-01-2

MOLECULAR FORMULA: C₃H₂N₂OBr₂

PROPERTIES:

DBNPA is white crystals, mp. 125° C, soluble in actone. Polyethyleneglycol, benzen, ethanol and the like. It's stable in acidic conditions, and decomposed in alkaline conditions or in the presence of hydrogen sulphideit's an efficient germicide for recycling water system, can Penetrate in the cytocyst of microbes quikly and kill them by reacting with some Proteins in it, Stopping the Redox of cells. DBNPA has a good stripping properties, little poison, and no foam in system. The organic solutions can miscible with water.

SPECIFICATION:

Character	White crystal powder
Assay	99 % min
Melting Point	122 - 126 °C
Moisture	0.5 % max
Other Index Standard	YGYD(BP98)

USAGE:

It is a high-efficiency antiseptic bactericide, widely used as water treating agent, bactericide and algaecide for industrial circulating water and industrial cooling water, pulp treatment in paper making industry and as pharmaceutical intermediate, etc. Also used in paper industry and as preservatives for coatings and slurries and to control microbial fouling in paper mills and process water systems.

PACKING

25Kgs net drum.