



Uniphos Chemicals

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XF-993(DBNPA)

XF-993(DBNPA) is an effective microbicidal bactericide, fungicide, algicide and slimicide in treating industrial cooling water systems and pulp & paper mills with the following advantages:

- Quick kill microbiocide.
- Broad-spectrum bactericide, fungicide and algicide.
- Rapidly degrades in aqueous environment.
- Oxidation potential lower than that of chlorine and bromine.
- Easy to handle and apply.

Trade Name:	XF-993(DBNPA)
Chemical Name:	2, 2-Dibromo-3-nitrilo-Propionamide
Abbreviation:	DBNPA
CAS NO.:	10222-01-2
Molecular Formula:	C3-H2-BR2-N2-O
Molecular Weight:	241.89
Recommended Usage:	Recirculating cooling towers. Non-marine uses in enhanced oil recovery systems. Paper slimicide.

Typical Properties

Appearance	White crystal or white powder
Assay, %	99.0 Min.
Melting Point , °C	122-128
pH(1% Solution):	4.0-6.5
Loss weight after dry, %	0.5 Max

Packaging:

25 kg net in fibre drum