



# Uniphos Chemicals

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## XF-993P (DBNPA 20%)

**XF-993P (DBNPA 20%)** is an efficient Biocide. It is used to control microbial, fungal and algal growth in industrial water systems such as cooling towers and evaporative condensers, pulp and paper mill effluents, oil-recovery systems, metal-cutting coolants, air-conditioning systems (effective against Legionnaire's Disease).

<b>Trade Name</b>	XF-993P(DBNPA 20%)
<b>Abbr.</b>	DBNPA 20%
<b>Chemical Name</b>	2, 2-Dibromo-3-nitrilopropionamide 20%
<b>Formula</b>	C <sub>3</sub> H <sub>2</sub> Br <sub>2</sub> N <sub>2</sub> O
<b>CAS Number:</b>	10222-01-2

### Typical Properties

<b>Characteristics</b>	<b>Specs.</b>
<b>Appearance</b>	Clear yellow to amber liquid
<b>Assay (as DBNPA) %</b>	≥20.0
<b>Specific Gravity, 20 C, g /cm<sup>3</sup></b>	1.19 - 1.29
<b>pH (1% solution)</b>	2.0-5.0

### Packaging

PE drum, IBC/Tote, Bulk Tank