



Uniphos Chemicals

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XF-994(Bronopol)

XF-994(Bronopol) has a strong biocidal activity that is widely used as a disinfectant, antibacterial, slime control and antiseptic ingredient for water treatment. **XF-994(Bronopol)** is also a broad spectrum antimicrobial agent used as a preservative for topical cosmetics, pharmaceuticals and toiletries. **XF-994(Bronopol)** is formulated in a wide variety of applications, such as antibacterial and antiglare cooling water and water treatment system, slime control agents and general industrial uses such as antiseptics and fungicides, environmental sanitation, and disinfecting/sterilizing agents.

Trade Name:	XF-994(Bronopol)
Chemical Name:	2-Bromo-2-nitropropane 1,3-diol
Abbreviation:	BNPD / BNP/ Bronopol
Chemical Formula:	HOCH ₂ C(Br)(NO ₂)CH ₂ OH
CAS NO.:	52-51-7
EINECS No.:	200-143-0
Molecular Weight:	199.99

Typical Properties

Appearance	White granule
Active Content	99.0% Min
Moisture Content	0.5% Max
pH 1% solution @25 °C	4.5-7.0
Melting point	125°C Min

Packaging:

25kg or 50 kg bag in fibre pail.