



# ALG Chemicals

Chemistry for Hygiene & Healthy Life

## TECHNICAL DATA SHEET

### ALGCare- BNP

(Bronopol)

**ALGCare- BNP** is recommended for preservation of a wide range of applications including Paints, varnishes, adhesives, emulsions (polymers), slurries, metal working fluids and home care products where the protection against bacteria and fungi is required in humid state (in can protection).

**ALGCare- BNP** is especially effective against bacteria including Pseudomonas sp. and sulphate reducing bacteria (SRB).

CAS No.	MOLECULAR WEIGHT	MOLECULAR FORMULA	MANUFACTURER
52-51-7	199.989 g/mol	C <sub>3</sub> H <sub>6</sub> BrNO <sub>4</sub>	ALG CHEMICALS

<b>CHARACTERISTICS:</b>	White to almost white crystal or crystalline powder. Freely soluble in water, Ethanol (96%), slightly soluble in glycerol and in liquid paraffin
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SPECIFICATION:	TEST	LIMIT
	Identification	
	A) IR	Complies
	B) Reaction A of Bromide	Complies
	C) Melting Point	130 ° C
	PH ( 1% w/v solution)	Between 5.0 to 7.0
	Water Content	NMT 0.50%
	Related Substances	
	a) 2-methyl-2-nitropropane-1,3-diol	0.5%
	b) Tris(hydroxymethyl)Nitromethane	0.5%
	c) Any other Impurity	0.1%
	Sulphated ash	NMT 0.1%
	Assay (OAB)	Not less than 99.0% and Not more than 101.0%

<b>PACKAGING:</b>	25 kg, HDPE Drums Other sizes available upon request.
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<b>SHELF LIFE</b>	1 years from date of manufacture
<b>STORAGE CONDITIONS</b>	Bronopol should be protected from light.



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<b>TRANSPORT REGULATIONS:</b>	Classified as hazardous substance according to transport regulations ( UN2811 PG: III)
<b>APPLICATION</b>	Emulsion polymerization Pigment preparation Waterborne paints Decorative paints In-can preservation