

## **FYNOL - BXB**

### **SPECIFICATIONS :**

Chemical Nature	: Triazine Derivative
Appearance	: Liquid
Active Content	: 78.5% Min.
Flash Point	: > 200°F
Specific Gravity 20°C	: 1.15

Industrial preservative, prevents bacterial action in cutting oils, synthetic rubber latex, starch based adhesives, latex paint and aqueous slurries. It is soluble in acetone, ethyl alcohol, ether and water. Moderately soluble in hydrocarbon solvents.

It also acts as a preservative for soluble cutting fluids and coolants. a highly active bactericide for oil field drilling and completion fluids, fracturing fluids and enhanced recovery application.

### **GENERAL DESCRIPTION :**

FYNOL-BXB is a low toxicity biocide developed for the complete microbiological protection of water based systems against bacterial and fungal spoilage in the wet state.

### **BIOCIDAL PROPERTIES :**

FYNOL-BXB is completely effective in preventing the growth of both bacteria and fungi known to degrade water based systems in the wet state; such degradation can take the form of malodour, product breakdown and slime formation. However, FYNOL-BXB has a wide spectrum of activity, which includes the following microorganisms :

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Bacteria	Fungi
Achromobacter sp.	Aspergillus sp.
Aeromonas sp.	Botrytis sp.
Alcaligenes sp.	Candida sp. (yeast)
Bacillus sp.	Paecilomyces sp.
Escherichia sp.	Penicillium sp.
Flavobacterium sp.	Rhodotorula sp. (yeast)
Klebsiella sp.	
Proteus sp.	
Pseudomonas sp.	
Staphylococcus sp.	

**A VERY EFFECTIVE BIOCIDES BASED ON AN AQUEOUS SOLUTION OF TRIAZINE DERIVATIVE**

- \* An effective biocide for the preservation of aqueous based products.
- \* Broad spectrum of antimicrobial activity.
- \* Effective against a wide variety of spoilage organisms.
- \* Can be easily incorporated due to liquid form.
- \* Contains no heavy metals such as Mercury or Tin.

**APPLICATIONS :**

- \* Preservation of aqueous based products

<b><u>PRODUCTS</u></b>	<b><u>USE LEVEL</u></b>
Dispersion and general aqueous based products, silicone emulsions resins, emulsions, polishes, pigment dispersions, adhesives etc. based on starches, gelatine, CMC or other emulsifiers, mineral oils etc.	0.05% to 0.25%
Aqueous based paints	0.5% to 0.2%
Synthetic polymer emulsions	0.3% to 0.15%
Soluble cutting oils	0.03% to 0.2%

FYNOL-BXB is the recommended biocide for a variety of applications including metal working fluids, detergents, cooling waters etc.

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FYNOL-BXB is ideally suited for use as a sterliant in humidifier/spray systems used above finished product storage vessels. In addition a solution of FYNOL-BXB can be used as a sterilising wash during the clean down of storage vessel, mixing and holding tanks etc.

### **QUANTITIES TO USE :**

Typical concentrations of FYNOL-BXB required to protect a variety of products are as follows :

Application	% FYNOL-BXB by volume
Metal Working Fluids (diluted product)	0.10 - 0.15
Sterilising Solutions	3.00 - 5.00
Anionic Detergents	0.01 - 0.10
Cooling Water Systems	0.01 - 0.05

### **METHOD OF USE :**

FYNOL-BXB can be added as soon as possible for routine inhibition of microbiological growth or at any stage where shock dosing is required. In the case of metalworking fluids FYNOL-BXB can be incorporated into the product at the formulation stage or added to the emulsion after dilution.

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