



TECHNICAL DATA SHEET

Anti-070

Anti-070 is a formaldehyde-free biocide for the wet state preservation of a wide range of formaldehyde sensitive formulations, for industrial water treatment and for the production of preservative products.

Chemical and Physical Characteristics

Appearance	:	Pale yellow to amber liquid
Odour	:	Mild
Refractive Index (20°C)	:	1.4690 - 1.4890
Density (20°C)	:	1.120 - 1.160 g/ml
Solubility	:	Miscible with water and most lower alcohols and glycols
Stability in application *	:	Stable over the pH range 4-13 and at up to 80°C

Note: These characteristics do not constitute a sales specification

Biocidal Properties:

Anti-070 has a very broad spectrum of activity against bacteria, moulds and yeasts including the following relevant organisms:

Test Organisms

Bacteria	Moulds	Yeasts
Corynebacterium sp. Escherichia coli Klebsiella sp. Proteus penneri Pseudomonas aeruginosa	Aspergillus_sp. Aureobasidium pullulans. Trichoderma_viride. Penicillium funiculosum	Saccharomyces cerevisiae

Applications / Use Levels:

Anti-070 is suitable for the wet-state preservation of a wide range of aqueous products including paint, polymer, emulsions, adhesives, ceramic glazes, fillers and sealants. It may be used as a tankside additive for ready-diluted metalworking fluids, for industrial water treatment, including paper making and for production of preservative formulations including those for prevention of surface mould growth on timber, applied by vacuum impregnation.

Normal use concentrations are in the range 30 ppm, depending on the product to be protected and the environmental conditions to which it will be exposed. The precise level required by a specific formulation can be determined by the local KERNIK Technical.

Further Information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.