TECHNICAL DATA SHEET

Anti-300W

Anti-300W is a formaldehyde-free biocide for the wet state preservation of a wide range of formulations, particularly those with an alkaline pH.

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-300W has a broad activity spectrum against bacteria, moulds and yeasts including efficacy against the following relevant organisms:

Test Organisms

Bacteria	Moulds	Yeasts
Achromobacter sp.	Aspergillus sp.	Candida albicans
Aeromonas sp.	Cephalosporium sp.	Rhodotorula sp.
Alcaligenes sp.	Cladosporium sp.	Saccharomyces cerevisiae
Bacillus sp.	Fusarium sp.	
Escherichia coli	Paecilomyces variotii	
Flavobacterium sp.	Penicillium funiculosum	
Klebsiella sp.		
Proteus sp.		
Pseudomonas aeruginosa		
Streptomyces sp.		

Applications / Use Levels:

Anti-300W is suitable for the wet state preservation of a wide range of aqueous formulations such as polymer emulsions, adhesives including casein based products, pigment and dyestuff dispersions, cellulose solutions, inks and related materials. **Anti-300W** is specifically designed for products having an alkaline pH.

Normal use concentrations are in the range 0.05 -0.25 %, 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.

630 ONNUJ 54, ONNUJ, SUANLUANG, BANGKOK 10250, THAILAND
TEL: +66 2 320 5200 **FAX:** +66 2 320 5208 **E-MAIL:** info@kernik.com **WEB SITE:** www.kernik.com