

ATC® ACTYBIO A203 EPW

Fungicide/ Algaecide

ATC® ACTYBIO A203 EPW is a broad spectrum water-based biocide for protecting internal and external coatings against fungal and algae contamination.

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The ingredients in this formula are designed to ensure long-term protection for all types of architectural coatings. Stability to hydrolysis except in extreme alkaline conditions, low leaching, excellent stability in different pH conditions and resistance to ultraviolet radiation. A broad-spectrum algaecide, effective against marine and freshwater algae, it acts by interrupting photosynthetic electron transport.

Composition

Fungicide/algaecide the basis of 2-octyl-3(2H)-isothiazolone, methyl benzimidazol-2-ylcarbamate and 3-(3,4-dichlorophenyl)-1,1-dimethylurea.

Application

ATC® ACTYBIO A203 EPW It is recommended for interior and exterior dry film protection in a variety of products such as: paints and coatings, sealants, adhesives and sealants, grouts and others. The application of ATC® ACTYBIO A203 EPW as a dry film preservative, it does not eliminate the need for "in-can" preservation. ATC® ACTYBIO A203 EPW is compatible in any proportion with our bactericides ATC®ACTYBIO.

Required Dosages

The required concentration of ATC® ACTYBIO A203 EPW to provide protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the species involved, the pH, the temperature and the period of time for which protection is required.

Product %

ATC® ACTYBIO A203 EPW (total weight of formulation)

Paints and coatings:

0.20% - 2.00%

For "Dry Film" preservation of paints, coatings, wood varnishes, polymer emulsions, adhesives, caulks, sealants and building materials. Protection of interior products in the range of 0.20% to 0.50%.

ATC's Technical and Microbiological Department can help determine the exact concentration needed for a specific application.

Properties

Appearance at 25°C:	White emulsion
pH (10%):	6.00 to 8.00
Solubility:	Good dispersion in water
Stability:	Stable under normal storage conditions.
Compatibility:	It is compatible with most of the raw materials and aqueous
	products susceptible to microbiological contamination. The compatibility
	of the ATC®ACTYBIO A203 EPW must always be tested before use.



Microbiological Activity

ATC® ACTYBIO A203 EPW has a broad spectrum of action against microorganisms, as shown below:

Fungi	Yeasts	Algae	
Apergillus Niger Penicillium glaucum Penicillium pinophilum Aureobasidium pullulans Chaetomium globosum Gliocladium virens Fusarium sp. Alternaria tenu Aspergillus oryzae Aureobasidium pullulans Talaromyces flavus Penicillium brevicaule Penicillium brevicaule Penicillium funiculosum Alternaria alternata Cephaloascus fragrans hanava Ceratocystis pilifera Chaetomium globosum Cladosporium cladosporioides Lentinus tigrinus Phoma sp. Rhizopus stolonifer Sclerophoma pithyophila Ulocladium atrum Cladosporium	Rhodotorula sp Candida albicans Saccharomyces cerevisiae Rhodotorula mucilaginosa Rhodotorula rubra Sporobolomyces roseus	Chlorella emersonii Gloeocapsa sp. nostoc commune Pleurococcus sp. Scenedesmus vacuolatus Stichococcus bacillaris Stigeoclonium tenuum Trentepohlia aurea Trentepohlia odorata Chlorella pyrenoidosa Oscillatoria sp.	

Packaging, handling and storage

ATC® ACTYBIO A203 EPW It is sold in 50 kg drums, 200 kg drums and 1000 kg IBCs. Store in original packaging, tightly closed, and keep protected from humidity, ultraviolet radiation and low temperatures.

Toxic if ingested. May cause allergic reactions upon skin contact. Avoid contact with eyes. PPE (gloves, goggles and mask) must be used when handling. For more information, please contactour Technical and Microbiological Department of ATC Brazil.

Information

For more information about this product or other ATC do Brasil products, please contact our sales department by phone +55 51 3561 0206, email: <u>comercial@atcdobrasil.com.br</u>or visit our website at <u>www.atc.fr</u>

* Use biocides with care. Always read the label and product information before use.

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