

ROCIMA™ 321 Biocide

Anti-Fungal Concentrate Dry Film Protection in Coatings

Description

ROCIMA 321 Biocide is a flowable, anti-fungal dispersion designed for use in aqueous systems giving dry-film permanent protection to coatings.

ROCIMA 321 is practically odourless, easy to incorporate and gives no discoloration. It is leach resistant giving good long term performance.

ROCIMA 321 is a biocidal product intended for use in accordance with Product Type 7 (Film Protection) of the Biocidal Products Directive.

Composition and Technical Data

Composition: Carbendazim preparation

Typical Properties

These properties are typical but do not constitute specifications.

Appearance	flowable, slightly thixotropic, grey dispersion	
Density 20°C	1.06 ± 0.05 g/ml	ISO 2811-1
Viscosity η 20°C	max. 100 KU	ASTM D-562
Particle size	< 30 μm	ISO 1524

Typical Properties

Miscibility/Solubility

Active ingredient practically insoluble in water and organic solvents. Miscible with water, insoluble in organic solvents.

Stability

No deterioration at working temperature up to 180°C (356°F). Strong alkalis or acids affect the biological activity.

Application and Activity

ROCIMA 321 has been designed for the fungicidal protection of water-based products, such as paints, plasters, glues, sealants, paper coating material, etc. It is also suitable for alkyd and oil modified dispersions.

ROCIMA 321 is used as a film fungicide in wall paints, especially in areas where periodically high humidity is encountered (dairies, cheese factories, breweries, bakeries, wine cellars, bathrooms, kitchens, etc.). In extreme cases, where, for example, faults in construction technology lead to the permanent wetting of particular areas, a successful application of a fungicidal paint can only take place after the faults have been rectified.

ROCIMA 321 performs best when uniformly dispersed, and is therefore preferably added at the beginning of the manufacturing process. The active ingredient preparation is also available as a paste ROCIMA 320 that can be used in solvent based systems.

The great variety of systems and different manufacturing conditions make it generally advisable to check compatibility before starting to use any new ingredient.

Where necessary or for specific recommendations, please contact Rohm and Haas microbiological and technical laboratory, which will determine the level required for your particular formula.

Dosage

Use levels depend on formulation, microbial susceptibility and exposure environment. As a general guideline concentrations range between 0.5 – 2%.

Handling

Please refer to the Material Safety Data Sheet of this product for precise handling instructions.

The processing and use of industrial chemicals require adequate technical and professional knowledge.

In general, avoid eye and skin contact, wear safety goggles, gloves and protective clothing. In case of eye or skin contact despite precautionary measures, wash immediately and thoroughly with plenty of warm water and obtain medical attention.

The legal requirements prevailing in your country, especially on working hygiene and in the avoidance of accidents, must be observed.

Storage

ROCIMA 321 biocide should be stored at room temperature in original containers. If stored below -5°C the product can become solid. After warming up to room temperature the product becomes fluid again and can be used after homogeneous stirring with no loss of effectiveness.

Use biocides safely. Always read the label and product information before use.

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