

ROCIMA™ 320 Biocide

Anti-Fungal Concentrate for Dry Film Protection in Coatings

Description

ROCIMA 320 biocide is a non-aqueous fungicide dispersion that can be used in both water- and solvent-based products.

ROCIMA 320 is practically odorless, easy to incorporate, and gives no discoloration. It is leach resistant, giving good long-term performance.

Composition and Technical Data

Composition: Carbendazim preparation

Typical Properties

These properties are typical but do not constitute specifications.

Test	Min.	Max.	Method
Appearance	Greyish dispersion		Visual
Density 20°C	1.00	1.40 g/ml	ISO 2811-1
Viscosity η 20°C	4000	7000 mPa.s	ISO 2555
Particle size	0	30 μ m	ISO 1524

Miscibility/Solubility

Almost insoluble in water and commonly used organic solvents but miscible with both.

Stability

No degradation at working temperature up to more than 180°C. Strong acids or alkalis affect the biological activity negatively.

A partly separation has no influence on the efficacy. However, the product has to be mixed homogeneously prior use.

Application and Activity

ROCIMA 320 has been designed to give mold resistance for use in a variety of technical products, such as water- or solvent-based paints, plasters, glues, sealants, paper coatings, etc. It is also particularly indicated for alkyd modified dispersions and alkyd resin lacquers.

ROCIMA 320 can be used as a film fungicide in exterior paints and stucco, especially in areas where periodically high humidity is encountered. In extreme cases, where faults in construction technology lead to permanent wetting of particular areas, a successful application of a fungicidal paint can only take place after the faults have been rectified.

ROCIMA 320 performs best when dispersed homogeneously and is therefore preferably added at the beginning of the manufacturing process.

The active ingredient preparation is also available as an aqueous, flowable and pumpable dispersion, ROCIMA 321.

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

Should you encounter microbial problems or problems concerning special applications, please contact your Rohm and Haas Representative.

Dosage

Use levels depend on formulation, microbial susceptibility, and exposure environment.

As a general guideline, concentrations range between 0.5 < 1.0 %.

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 320 biocide should be stored in tightly sealed original containers and protected from heat and frost.

To adjust a partly separation of the product upon storage or freeze/thaw it must be mixed homogeneously before it can be used without any loss in efficacy.

Biocidal Products Directive Compliance

ROCIMA 320 is a biocidal product intended for use in accordance with Product Type 7 (Film Protection) of the Biocidal Products Directive 98/8/EC (BPD).

Caution

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

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