

ROCIMA™ 250 BIOCIDES

Concentrated Active Ingredient Dispersion for Water-Based Systems

Description

ROCIMA 250 Biocide is a highly concentrated flowable dispersion for antifungal control in waterbased paints, coatings and plasters as well as in wood preserving systems.

ROCIMA 250 provides a very broad spectrum of activity against surface fungi and moulds as well as being effective against wood-discolouring and destroying fungi.

Composition and Technical Data

These properties are typical but do not constitute specifications.

Composition: Aqueous preparation of iodopropynylbutylcarbamate

Test	Min.	Max.	Method
Appearance	Greyish-white dispersion		Visual
Density 20°C	1.13	1.23 g/ml	ISO 2811-3
Viscosity η 20°C	75	115 KU	ASTM D-562
Particle size	0	30 μm	ISO 1524

Typical Properties

Miscibility/Solubility

Miscible with water.

Stability

The activity of the active ingredient is not changed by short-term temperature stress during processing at up to 100°C.

Application and Activity

By virtue of its stable formulation, ROCIMA 250 can easily be incorporated into a very wide variety of products as a fine, fluid, pumpable dispersion.

We recommend the adding of ROCIMA 250 preferably towards the end of the manufacturing process, whereby the necessary fine distribution in the end product should be ensured.

ROCIMA 250 contains no specifically algicidal active ingredients. For reinforcement of the long term activity against algae, it is recommended to use additionally our algicides like ROCIMA 370 or ROCIMA 380.

Another possibility for outdoor use is our ready fungicide-algicide combinations, like ROCIMA 350. For further information please contact your Rohm and Haas Representative.

ROCIMA 250 is not a bactericide. It can therefore not replace the application of an in-can preservative. We recommend to use preservatives e.g. ROCIMA 564, ROCIMA 551, ROCIMA 518.

In most wood-preserving formulations, ROCIMA 250 penetrates very well into the wood to be preserved, giving it permanent protection. On wood surfaces exposed to the weather, however, the concentration of preservative can drop over time if weather protection, particularly against the effect of rain, is not provided by means of an additional film-forming coating.

ROCIMA 250 is remarkably versatile with regard to its fields of application and the possibilities for processing. We recommend therefore that the applicability of ROCIMA 250 is checked by preliminary tests. In certain formulations, ROCIMA 250 can cause a slight yellowing, so the appropriate checks should be carried out under practical conditions and on the applied film, especially in the case of white coating systems.

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

Any use of ROCIMA 250 like other paint film biocides should only be used indoors if the infestation with fungi cannot be prevented with constructional means. Occupied rooms treated with formulations containing ROCIMA 250 should not be used during the drying time.

Dosage

- In coatings and paints effective against surface fungi and mould growth: 0.2 - 1.0%.
- In plasters: 0.05 - 0.2%.
- In wood preservatives which require deep penetration into the wood in order to be effective against blue stain and wood-destroying fungi: 1.0 - 3.0%.

The concentration ranges given are approximate values to be taken only as guidelines. The dosage should be confirmed in practical tests using the actual formulation.

Handling

Please refer to the 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 250 Biocide should be stored at room temperature in original containers. Protect from frost and heat. Any supplies which do freeze must be homogeneously mixed after thawing before they can be used without any loss in effectiveness.

For the storage of products formulated with ROCIMA 250, it must be observed when using tinsplate material that the containers should be protected with an inside varnish.

Biocidal Products Directive Compliance

ROCIMA 250 is a biocidal product intended for use in accordance with product type 7 (Film Preservation) of the EU Biocidal Product Directive 98/8/EC (BPD).

For use of this product to manufacture wood preservatives (product type 8), additional legal requirements apply. Please consult your Rohm and Haas Representative for more information.

Caution

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

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