ROCIMA™ 20 Industrial Microbicide

Liquid Broad Spectrum Fungicide

Highlights

- Broad spectrum fungal activity
- Reduced Odor
- Non-metallic
- Liquid Formulation
- Non-corrosive
- Water and solvent based system compatibility

Typical Properties

These properties are typical but do not constitute specifications.

Active Ingredient: 3-iodo-2-propynyl butyl carbamate	20.0% min
Appearance	Clear amber liquid
Odor	Characteristic
Specific Gravity (25°C)	1.03-1.06
Lbs/Gallon (25°C)	8.6-8.8
Viscosity (Gardner) (25°C)	A Max
Solubility	Soluble in aromatics and alcohol

Microbiological Efficacy

*Minimum Inhibitory Concentration (MIC) on a 100% active ingredient basis

Organism	PPM Active
Fungi	
Aureobasidium pullulans	<50
Aspergillus niger	<50
Penicillium funiculosum	<50
Fusarium sp	<50
Algae	
Oscillatoria sp	<50
Chlorella sp	<50
Yeast	
Candida albicans	<50
Saccharomyces cerevisiae	<5

* Minimum inhibitory concentration is the lowest level at which bacterial growth is inhibited. These values are used for basic evaluation of microbiological properties. Levels of active ingredient required under actual use conditions are generally higher.

This product is an EPA registered microbicide. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Application Instructions

The following are suggested use levels for ROCIMA 20. Typical use levels given for the various applications indicate the approximate levels for the particular application. All suggestions are in percentage by weight and refer to the product ROCIMA 20. In order to determine the most cost effective use level for ROCIMA 20 in a given use, field trials are suggested.

Paints and Stains

Generally use 0.5 to 1.5%. For hot, humid areas, use up to 2.5%. For interior paints, use 0.2 to 0.8%. Wood protective stains will use 1.0 to 1.5%.

Plastics

For use in PVC plastics such as shower curtains, tarpaulins, umbrellas at a level of 0.25 to 3.0.

Cuttings Oils

Use 0.15 to 0.5%.

Wood

For above ground use only at rates of 2.5 to 6.0% depending on protection desired. For millwork use rates of 1.5 to 2.5%. Do not use on wood surfaces that come in contact with food. Surfaces which may be in continuous contact with skin should be coated with a varnish or lacquer after treatment with ROCIMA 20.

Textiles

Use for coatings or dyes at 0.25 to 2.0%. Not for use in fabrics for human wear.

Paper Coatings

Use in aqueous and solvent based coatings applied to paper at 0.25 to 1.0%.

Adhesives

Use 0.125 to 0.5%.

Inks

Use 0.25 to 2.5%.

Packaging

55 gallon drums (478 lbs net) 275 gallon totes (2392 lbs net)

Storage and Handling

- Do not store at temperatures below 20°F (-6.5°C).
- Store drums in a tightly closed and upright position.
- Do not reuse empty drums.
- Dispose of in accordance with federal and local requirements.
- See MSDS for complete safety and handling information.

Notes

- The use level of ROCIMA 20 in formulated products is determined by the individual composition and end use pattern of the final system.
- All suggested use applications should be evaluated for final product efficacy, color uniformity, and for pH, temperature and storage stability.
- White and light colored exterior paints should be checked for color stability on exposure.
- Metal containers for formulated products should always be lined.
- Do not store formulated products for prolonged periods in iron or stainless steel containers.
- If yellowing occurs during the drying cycle, it is generally transitory in nature.

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