



Kimistone BIOCIDA

ST5-0319

Biocide suitable for the elimination of microflora and molds

DESCRIPTION

Kimistone BIOCIDA is a biocide made of quaternary ammonium salts with a broad spectrum. It does not create surface films or chromatic alterations.

It is used to remove algae, lichens, molds, yeasts, moss, fungi which may lead to permanent physical and chromatic alterations (*aspergillus niger*, *aeureobasidium pullulans*, *candida albicans*, *chaetomium globosum*, *fusarium oxysporum*, *penicillium funiculosum*, *saccharomyces cerevisiae*) and bacteria (used in internal environments, inhibits the proliferation of many bacterial species: *chromobacter parvulus*, *alcaligenes faecalis*, *bacillus cereus*, *escherichia coli*, *flavobacterium suaveolens*, *proteus vulgaris*, *pseudomonas aeruginosa*).

ADVANTAGES

- **Performing:** strong biocidal effect to eliminate mold, algae, bacteria; no color changes after application; it does not create superficial films; it does not alter the substrate

USES

Suitable for natural stone, marble and granite, sandstone and soft limestone, tuff and compact limestone, brick and fake stones, wood.

WORKS

- Elimination of microflora and molds from stones ([SA19](#))

APPLICATION



Roll or brush application

Kimistone BIOCIDA is a ready-to-use product which should be applied to dry surfaces using a low pressure spray gun, a brush or roller, taking care to properly wet the affected area without stagnation or dripping.

To extend the action of the biocide over time, after the first

application of disinfectant and subsequent rinsing with a suitable cleaner from the Kimistone range, clean and dry the surface and re-apply the product, being careful to use the most suitable protective coating, especially in case of very exposed external surfaces

CONSUMPTION

To be defined through a preliminary test (approximately 0,1 - 0,4 l/m²).

PACKAGING

- Tank 5 lt – box 4 x 5 lt
Pallet 96x5 lt (24 boxes) – 480 lt.
- Tank 25 lt.
Pallet 24x25 lt – 600 lt.

STORAGE

Protect from frost. Store the product in a dry, sheltered place at temperatures of +5 °C and above. In these conditions and in sealed containers, the product remains stable for 24 months.

Characteristics	Value
Physical state	Liquid
Solvent	Water
Viscosity	1 - 20 mPa·s
Density	1,00 g/cm ³
pH	7,1
Suitable range of temperature of application	+5 / +30 °C

WARNING

Product for professional use

Protect the substrates which are not involved in the work. Make sure there is no obstacle in the working area. Do not apply when it is about to rain, or to surfaces on which mist or condensation has settled. Do not apply to walls exposed to sunlight or at temperatures above 30 °C or below +5 °C.

Operators should be equipped with gloves, masks, safety glasses and any other protection measures prescribed in safety regulations. During use, do not smoke and keep the product away from heat sources or electrical devices that may cause sparks. In case of eye contact, flush eyes with water and contact a doctor. If swallowed, do not induce vomiting and seek medical help.

Clean equipment with water after use before hardening.

The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product.

It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended use.

SK19 - Cleaning of stone materials affected by microflora and molds

Cleaning of stone materials affected by biodeteriogenic organisms with Kimistone BIOCIDA by Kimia S.p.A. or similar product.

The biocide, based on quaternary ammonium salts, suitable for the removal of autotrophic and heterotrophic microflora such as algae, lichens, molds, yeasts, fungi, moss and bacteria will be prepared and applied scrupulously following the indications given on the technical sheets provided by the Manufacturer. It must have the following characteristics:

- Solvent: Water;
- Viscosity: 1 - 20 mPa · s;
- Density: 1.00 g / cm³;
- pH: 7.1.