

Kimistone BIOCIDA

Biocide suitable for the elimination of microflora and molds



Scheda Tecnica rev.01_05/2025

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

- 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
- Tank 25 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
Color	Light green
Final chromatic effect	Colorless
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.

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety.

All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.

TECHNICAL SPECIFICATIONS

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, musk 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.