

PALLADIO® BIOCIDE BAC 50 M

A biocide based on quaternary ammonium compounds for use in disinfection and cleaning products and for the formulation of fungicide/algicide solutions

Product description

BIOCIDE BAC 50 M is a biocide based on quaternary ammonium compounds with an optimised alkyl chain length, which can be used for disinfection, cleaning and formulation of fungicidal/algicidal solutions and other applications.

Features

BIOCIDA BAC 50 M has a broad spectrum of antimicrobial efficacy.

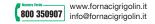
It can be used as a primer or remedial solution with an algaecide and fungicide effect for treating walls, tiles, wood, cladding, etc.

It can also be used as an algaecide in swimming pools, industrial water tanks, cooling towers and systems, as well as for the preparation of wood preservative formulations intended for primary treatment and secondary preservation (EU/AWPA classes 2, 3 and 4, with immersion or vacuum treatments, or with spray applications in closed compartments).

Methods of application

It is always advisable to carry out preliminary compatibility tests before application. Avoid oxidising agents and anionic formulations.

It is preferable not to dilute or mix BIOCIDA BAC 50 M with other chemical compounds before use, to avoid adverse effects on the active ingredients.







BIOCIDE BAC 50 M

Supply and storage

BIOCIDA BAC 50 M is supplied in 25 kg and 200 kg plastic drums.

Handle the product in a closed system. The product can crystallise at low temperatures, so it can be slightly heated without affecting its effectiveness.

Minimum storage temperature: 10°C. Protect from frost. Prevent accidental release to the environment with adequate containment measures and use appropriate retrieval procedures.

Specifications

Application by brush or spray, one or more coats as required, of a biocidal product in concentrated solution, such as Palladio BIOCIDA BAC 50 M by Fornaci Calce Grigolin, based on quaternary ammonium compounds with optimised alkyl chain length and specific additives, to be diluted in concentrations defined according to the type of substrate to be treated and the type of plant efflorescence, moss and fungi present, only after suitable sampling, with the following characteristics

composition - Benzyl-C12-16-alkyldimethylammonium chloride in water with the following; Appearance - clear colourless liquid; Refractive index (20°C) 1.4170 - 1.4300; pH (10% in water) 6.0 - 9.0; Cationic activity 49.0 - 51.0 %; Amine content max. 1.0 mgKOH/g; Colour (APHA) max. 100; Solubility - completely soluble in water and low molecular weight alcohols.





BIOCIDE BAC 50 M

TECHNICAL DATA	PERFORMANCE
Composition	Benzyl-C12-16-alkyldimethylammonium chloride in water with the following
Appearance	clear colourless liquid
Refractive index (20°C)	1.4170 - 1.4300
pH (10% in water)	6,0 - 9,0
Cationic activity	49,0 - 51,0 %
Amine content	max. 1.0 mgKOH/g
Colour (APHA)	max. 100
Solubility	completely soluble in water and low molecular weight alcohols
Application	brush, roller, airless
Dilution	depending on the state of the medium

v. 05/2021



