

TECHNICAL DATASHEET no. 450

EVRIKA ANTI-MOLD SOLUTION

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PRODUCT DESCRIPTION: EVRIKA anti-mold solution is an aqueous solution of biocidal active substances based on didecyldimethylammonium chloride. It acts in the depth of contaminated surfaces, being effective against fungi (*Aspergillus niger*, *Penicillium funiculosum*) and algae (*Scenedesmus vaoulatus*, *Stchococus bacillaris*).

TYPICAL USES: it is used for the conservation and remediation of interior and / or exterior surfaces (brick walls, plasters, concrete, masonry) attacked by mold, algae and fungi.

CHARACTERISTICS:

- Approved by the Ministry of Health-National Commission for Biocidal Products No. 2587BIO/10/12.24
- Deeply disinfects contaminated surfaces
- Effective against mold, algae and fungi
- Fast action at interior and exterior

COMPOSITION

Crt. No.	Composition	Concentration, %
1	Didecyldimethylammonium chloride, CAS 7173-51-5	0,2

TECHNICAL CHARACTERISTICS:

No.	Characteristics	UM	Values	Analysis method
Product characteristics				
1.	Appearance	-	homogeneous liquid	visually
2.	Density, at 20°C	g/cm ³	1,00±0,03	SR EN ISO 2811-1:2011
3.	Solubility in water		soluble	

APPLICATION METHOD:

Product preparation:

The product must be conditioned at 10-30°C and homogenized. The recommended ambient temperature is 10 - 30°C. The product should be applied at temperatures above 5°C.

Preparation of the support and application:

It is used as it is (undiluted).

Type of support	Support preparation	Recommended application system
New surfaces - application for preventive purposes	It is cleaned of dust and any mechanical impurities.	Evrika anti-mold - Undiluted in one layer
Already painted and uninfested surfaces - application for preventive purposes	It is cleaned of dust and possible mechanical impurities by washing; In case there are portions on which the old layers of paint are exfoliated, they are removed.	Evrika anti-mold - Undiluted in one layer
Painted and infested with microbial cultures or fungi surfaces - application for mold destruction	It is cleaned by completely removing the layer of old paint, washed with soap and water, possibly ammonia solution. They will be rinsed with plenty of water and after the complete drying of the surface, its treatment will be carried out with the anti-mold solution.	Evrika anti-mold - Undiluted in minimum 2 layers at intervals of 5-6 hours.



EFICACITY

Activity	Usage by	Concentration
Antialgae / antifungal / anti-mold	Spraying, with a brush	Undiluted

Cleaning application equipment: washing with water, before and after use.

Conclusion: According to EN1276, the disinfectant AZUR ALL CLEAN has bactericidal activity in 5 minutes at 20 ° C in dirty conditions (3.0 g / L bovine albumin) for the above mentioned strains.

AVERAGE SPECIFIC CONSUMPTIONS: 1 L is enough for 10-20 sqm/treatment. Consumption varies depending on the nature of the surface.

PACKING:

- In plastic packaging with trigger pump, can, canister made of HDPE, PET of 0.5 l, 0.7 l, 0.75 l, 1 l, 5 l and 10 l;

STORAGE:

- In clean, airy, safe spaces, at temperatures between 5-30°C. Do not store below 5°C as the product may be damaged.

TRANSPORT:

- With means of transport that do not allow the product to be exposed to solar radiation and bad weather conditions.
- Avoid transporting the product at temperatures lower than 5°C or higher than 30°C.

OCCUPATIONAL HEALTH AND SAFETY MEASURES:

The product is not harmful to human health. Specific measures will be taken for the activity with chemicals (protective equipment).

The information regarding the users health and safety of this product can be found in the safety data sheet.

TERMS OF VALIDITY:

18 months, in compliance with the storage and preservation conditions.

NOTE:

This technical information is provided in order to obtain the best results. Any deviation from the application conditions, surface preparation, application technique may produce different results. In these conditions it is necessary to test the product in its conditions of application of the beneficiary as well as to request the support of our specialists. The recommendations and information regarding the products are valid only when they are stored, handled, applied and operated in accordance with the Azur Product Data Sheet.

Our products are manufactured in accordance with the Integrated Quality-Environment-Health Management System and Safety at work ISO 9001: 2015, ISO 14001: 2015 and ISO 45001: 2018.

This edition replaces all the previous ones. It is the customer's responsibility to consult and comply with the latest version of the Product Data Sheet, a copy of which is delivered on request.