



ATLAS MYKOS PLUS

concentrated agent for elimination of algae, fungi and lichen

- cleans façades, terraces and roofs
- protects against secondary biological corrosion
- safe for cleaned surfaces



Properties

ATLAS MYKOS PLUS is a concentrated fungicide and algicide preparation based on highly effective surfactant biocides.

Eliminates microorganisms at various stages of growth.

Quick and effective in action.

Efficient – can be diluted.

The product penetrates a few millimetres deep into absorbable mineral substrates – deeply penetrating, with active action within the material structure.

Disinfected surfaces can be coated, e.g. with paints, renders or ceramic tiles.

Use

Fungicide and algicide concentrated agent, for preservation and protection of stoneware, masonry or other building materials different than timber, e.g. surfaces of walls, building façades including those of thermal insulation systems, renders, concrete, lime stone, stone etc.

Enables removal of large size, intensive efflorescence of biological origin from various substrates – mineral, ceramic and other (after sample application).

Restores top finish aesthetics – liquidates point or surficial mould or fungi efflorescence without a change of colour, production of tarnish or gloss (it is recommended to carry out sample application).

Recommended for removal of strongly developed biological corrosion from façades, terraces, basements, gravestones, etc.

Has a preventive effect – protects surfaces against development of biological corrosion.

AREA OF APPLICATION	
building façade (with or without thermal insulation)	+
terrace	+
basement	+
laundry	recommended ATLAS MYKOS No. 1
bathroom	recommended ATLAS MYKOS No. 1
kitchen	recommended ATLAS MYKOS No. 1
swimming pool	recommended ATLAS MYKOS No. 1

INFECTION TYPE	
fungi basidiomycetes, belonging to the Basidiomycetes class	+
moulds <i>Aspergillus Niger</i> , <i>Aspergillus terreus</i> , <i>Paecilomyces variotti</i> , <i>Penicillium funiculosum</i> , <i>Penicillium ochrochloron</i> , <i>Scopulariopsis brevicaulis</i> , <i>Trichoderma viride</i> .	+
lichens	+
algae	+

SUBSTRATE TYPE*	
concrete	+
cement and cement-lime plasters	+
rough walls of brick, hollow brick or blocks	+
painting coats	+
floors and screeds	+
grouts	recommended ATLAS MYKOS No. 1

* in order to establish the product influence on a particular surface it is recommended to perform a trial application on a less exposed surface part.

Technical requirements

The product has been given the biocide marketing authorization No 7371/18. Active substance: alkyl (C12-16)-dimethylbenzylamine = 2.40 g/100 g, 2-octyl-2H-isothiazol-3-one 0.24 g/100 g.

The product has a biocidal effect against algae and mould in the amount of min. 150 g/m².

Cleaning

Substrate drying and protection

Inspect the substrate, find and remove any possible sources of damp, e.g. by:

- reconstruction of horizontal or vertical damp proofing,
- repairs of roof flashing,
- installation of proper ventilation.

Product preparation

The product should be diluted with water in maximum 1:5 ratio. In the case of strongly developed organic efflorescence, it is recommended to dilute the product in a smaller ratio or re-apply the prepared solution after a period of time allowing the previously applied layers to dry completely.

Efflorescence removal

Before application of the fungicide, the infected surface should be initially cleaned of contamination. The technique of cleaning (manual or mechanical – with a pressure washer) should be adjusted to the actual situation. The choice depends on the surface location and the degree of contamination. In the case of very tough infection, it is necessary to remove it mechanically. If contamination is limited, the efflorescence can be brushed off and vacuumed.

Surface decontamination

The product should be applied over infected surface uniformly and profusely until it gets completely moist and left for at least 6-12 hours. Apply the product with a brush, a painting roller or a sponge. Stains should be removed mechanically (e.g. with water under pressure).

Due to possibility of presence of fungi at various stages of growth (easy to remove vegetative mycelium and germinating spores and much more resistant spore forms such as conidia), it is recommended to apply the product three times. Keep a 12-24 hour break between each application.

Surface protection

Painting and other finishing works on surfaces with ATLAS MYKOS PLUS applied, can be carried out not earlier than 48 hours since the product application. In the case of indoor application, the use of rooms can start 48 hours since the product application. In the case of insufficient ventilation, respiratory tract protection (masks) should be used.

It is recommended to use silicone or silicate paints (e.g. ATLAS SALTA N) which reduce the substrate absorptivity and limit the risk of further contamination.

Consumption

For single application 0.02 l of concentrated agent for 1 m² of the infected surface.

Packaging

Plastic container: 1 l and 5 l.

Important additional information

- Warning. Contains: 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Very toxic to aquatic life with long-lasting effects. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Keep out of reach of children. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage. Dispose of contents/container to authorized companies. Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
- First aid measures:
 - After inhalation: Move injured person to fresh air and observe, in the case of breathing difficulties, dizziness, nausea or loss of consciousness get medical assistance immediately. In the case of inhibition of breathing apply assisted ventilation or artificial respiration.
 - After skin (or hair) contact: Remove contaminated clothing. Rinse the place exposed to mixture action with water and wash with soap. In case of prolonged irritation symptoms get medical assistance and, if possible show Safety Data Sheet.
 - After contact with eyes: Do not rub the eyes. Rinse immediately with plenty of water within min. 15 minutes, keep the eyes wide open during rinsing. Remove any contact lenses. Contact an eye specialist.
 - After ingestion: Wash mouth. Do not induce vomiting. Get immediate medical assistance.
- Main acute and delayed symptoms and exposure effects: not identified.
- Keep in cool, dry, well ventilated room in properly labelled and tightly sealed original container. Avoid direct sunlight, heat sources, hot surfaces and open fire. Temperature of storage from +10°C up to +30°C. Protect from freezing. Product should be thoroughly stirred before use. Protect against leaking from the container and getting into the environment, e.g. by appropriate configuration of the collecting vessel and by proper control of the process of pouring. While keeping above conditions, no adverse interaction known. Shelf life in conditions compliant with the requirements above is 24 months from the date of manufacturing shown on the packaging.

The above information constitutes basic guidelines for the application of the product and does not release the user from the obligation of carrying out works according to engineering principles and OHS regulations.

At the time of publication of this product data sheet all previous ones become void. An up-to-date technical product documentation is available at www.atlas.com.pl/en

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