



1. Product description

Chlorine-free, aqueous oxidizing agent for the pre-treatment and purification of microbially polluted or residually polluted interior wall surfaces. KEIM Mycal-Ex is an ecologically harmless alternative to products containing chlorine or biocides.

2. Field of application

KEIM Mycal-Ex is used as a pre-treatment and cleaning agent on contaminated interior wall surfaces. Coating with KEIM Mycal-Top is advisable.

3. Product properties

KEIM Mycal-Ex reacts to water when applied for the intended purpose.

- Aqueous
- High oxidative effect
- Ecologically compatible, because free of residues without addition of solvents
- Odourless
- Highly vapour diffusionable

Material characteristics

- pH-value: 2
- Density: 1 g/cm³

Colour shade

Yellowish transparent

4. Application instructions

Preparation and application

If necessary, cover contaminations or coatings with Mycal-Fix to bind the spores and remove while wet. Allow substrate to dry. Depending on the intensity of the contamination, apply KEIM Mycal-Ex undiluted or diluted with clean water at a ratio of max. 1:2. Apply with a brush. In case of full-surface application, clean water is to be used for 1:2 dilution. KEIM Mycal-Ex reacts to water. No residues of the agent will remain.

Highly concentrated, thus do not atomise, do not spray, avoid aerosol formation. When processing, please wear rubber gloves and protective goggles. Additionally, wear a respiratory mask at the risk of spore flight.

When processing large surfaces such as e.g. treatment of entire rooms or large ceiling areas, appropriate protective clothing is recommended.

Please note:

A sustainable mould remediation always implies the elimination of causes and the removal of damage. Contaminated surfaces and structural elements larger than 0.5 m² or those not only contaminated on the surface have to be replaced instead of treated. In case of an unchanged adverse physical structure situation, the chance of a recurrent contamination with microorganisms cannot be eliminated. The recommendations of the "Leitfaden zur Vorbeugung, Untersuchung, Bewertung und Sanierung von Schimmelpilzwachstum in Innenräumen" (Guidelines for the Prevention, Examination, Evaluation and Remediation of Mould Growth in Interior Rooms) of the Federal Environmental Agency and/or the "Handlungsempfehlung für die Sanierung von mit Schimmelpilzen befallenen Innenräumen" (Recommendations for the Remediation of Interior Rooms Contaminated with Mould) of the Public Health Authority of the State of Baden-Württemberg should generally be followed.

Application conditions

Ambient and substrate temperature > +5°C

Drying times

Coating with KEIM interior paints should not be applied before the substrate has thoroughly dried for at least 12 hours.

Consumption

In case of one-time, undiluted application on smooth substrate approx. 0.1 litre/m². Exact consumption values can only be determined by applying to sample areas of the object to be coated.

Cleaning of tools

Clean immediately after use with water.

5. Packaging

1l, 5l, 25l containers

6. Storage

Shelf life is approx. 6 months in a sealed container under cool, but frost-free conditions. Protect from heat and direct sunlight.



7. Hazardous substances ordinance class

Xn Harmful,
contains hydrogen peroxide
See safety data sheet for further information!

- R 22: Harmful if swallowed.
R 41: Risk of serious damage to eyes.
S 2: Keep out of reach of children.
S 17: Keep away from combustible material.
S 23: Do not breathe aerosol.
S 26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S 35: This material and its container must be disposed of in a safe way.
S 36/ 37/39: Wear suitable protective clothing, gloves and eye/face protection.
S 46: If swallowed, seek medical advice immediately and show this container or label.
S 51: Use only in well-ventilated areas.

8. Transport hazard class

class: 5.1
Packaging group: III
UN: 2984

9. Disposal

EC Waste Code No. 07 07 99
Do not allow to enter sewers or watercourses. Dispose of in accordance with official regulations. Do not reuse empty containers. Any residues must be emptied out of containers before recycling.

10. Safety instructions

Use disinfectants safely. Before use always read label and product information sheet. Provide appropriate protection for surfaces which are not to be treated (e.g. glass, natural stone, ceramics, wood etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Do not eat, drink or smoke during application. Wear rubber gloves and protective goggles. Keep out of reach of children. Keep product away from food, beverage, feeding stuff and animals.

First-aid measures:

Eyes:

Rinse eye, under protection of the unharmed eye, under running water for 10 minutes. Seek medical advice. If possible, keep rinsing during transport.

Skin:

Take off soiled clothing and wash contaminated skin under running water for 10 minutes. Seek medical advice.

Respiratory system:

Remove casualty to fresh air and keep at rest. Seek medical advice.

Swallowing:

Drink plenty of water and seek medical advice. Do not induce vomiting. Do not try to neutralize. See safety data sheet for further information.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

