

PROTOXHYSAN



FACTS



ProtoxHysan is an effective and user-friendly mould and odour removal product containing stabilised chlorine dioxide.

ProtoxHysan is easy to use and only requires a regular garden sprayer and semi-rigid brush.

Chlorine dioxide reacts with mould fungus and breaks down while any remaining chlorine dioxide is broken down by daylight. Cleaning with ProtoxHysan therefore leaves no chemical residue in the indoor environment.

For more challenging outbreaks and for disinfecting bacterial or viral attacks, ProtoxHysan can be used in activated form. This requires trained personnel.

With ProtoxHysan there are no limits to the extent of the treated area, as no chemical residue is left in the building, see indoor climate report (www.protox.pro).

PRODUCT DATA

Delivery form: 0.5 l ready mixed spray, 0.5 l, 2.5 l, 5 l, 3x5 l, 20 l plastic container with concentrate.

Dilution: Max. 1 part ProtoxHysan to 3 parts water.

Application: See our "mould removal manual" at www.protox.pro.

Agitation/mixing: No.

Temperature range: > 5°C.

Drying time: After use, ventilate the room. After 24 hours, the last remnants of chlorine dioxide will have broken down.

pH: >7 before activation.

Odour: Weak odour of chlorine (swimming pool). After activation, powerful irritant chlorine odour.

Cleaning: Clean any equipment used with fresh water. Please note that corrosion can occur on sensitive metals.

Storage: Must be stored in a cool, preferably darkened place and must not be exposed to temperatures exceeding 50 °C or be stored/mixed with acidic products. Can withstand freezing temperatures.

Shelf life: Up to 1 year after production date. After activation, up to max. 1 month.

Disposal: Empty containers can be disposed of with regular household waste.

Working environment: Un-activated Hysan can be used without special training. Activated Hysan requires training.

AREAS OF USE

Mould removal

ProtoxHysan is used diluted with water up to a ratio of 1:4 for the removal of mould. For the correct way to proceed, please read our "mould removal manual" at protox.dk.

Odour removal

One surface treatment with ProtoxHysan will usually remove the unpleasant odour of mould. In hard to access areas such as low crawl spaces, ventilation ducts etc. misting with ProtoxHysan can eliminate the unpleasant odours.

ProtoxHysan can also be used to eliminate the unpleasant odour of cadavers (animal and human) bacterial growth, soot, excrement, vomit etc. In such cases, a direct soaking of the malodorous area with ProtoxHysan should be used, perhaps in combination with misting if needed. See also AbScent Odour Neutraliser.

Disinfection following overflowing sewers, flooding etc.

In the event of overflowing sewers and other flooding incidents where there is a risk of infection from bacteria, viruses and other microorganisms. For disinfection in such cases, use activated ProtoxHysan. Working with ProtoxHysan activated requires training – please contact Protox directly to hear more.

Working environment

ProtoxHysan is not hazard labelled and working with ProtoxHysan does not entail any special risks. We recommend however, when working with mould infected surfaces, using at minimum a particle filter (P); for prolonged work with ProtoxHysan this P filter should be supplemented with a B2/P3 combination filter.

Working with ProtoxHysan requires PPE (personal protective equipment) to be worn and the use of a B2 filter.

Environment

The chlorine dioxide released is very reactive and reacts immediately with mould while any surplus is quickly broken down in contact with sunlight. 24 hours after completed cleaning with ProtoxHysan, all the chlorine dioxide is broken down and all that remains is a quite weak solution of table salt.

Because ProtoxHysan does not leave any chemical residue, this product does not have a preventive effect on the regrowth of mould. If there is a risk of recurring dampness, you should conclude with a ProtoxProtect treatment.

Dosage

When diluted in a ratio of 1:1 with water approx. 0.5 l /m².