

## Technical Data Sheet

# CaSoPaL<sup>®</sup> plus

## Safe removal of fungal and algal growth



### Product Features

CaSoPaL<sup>®</sup> plus contains extremely fine white lime hydrate (calcium hydroxide) particles stable dispersed in ethanol. The fine size of the calcium hydroxide particles results from a unique preparation, which is based on chemical synthesis. CaSoPaL<sup>®</sup> plus is a white to opal liquid and contains 15 g/L of fine lime hydrate in ethanol.

CaSoPaL<sup>®</sup> plus is the first product that combines the favourable actions of alcohol and lime hydrate.

- Ethanol, which is one of the most effective disinfectants, acts as a dehydrating agent damaging the cell membranes of algae and fungi. Additional, rapid denaturalization of proteins takes place. Both effects guarantee a safe stop of microbiological activities in the treated areas.
- Lime creates alkaline conditions under which new biological growth is unlikely.

The product is free of chlorine or chlorine forming compounds and does not contain quaternary ammonium compounds or related biocides.

### Application instructions

A two-step treatment of infected areas is recommended. A first treatment with CaSoPaL<sup>®</sup> plus is used to kill mould and spores. For that, infected surfaces are treated with CaSoPaL<sup>®</sup> plus by spraying or brushing. The substrate has to be saturated with the ethanolic lime dispersion. After complete evaporation of the alcohol (which needs depending on the conditions between 30 minutes and 2 hours), loose particles can be removed, for example with a vacuum cleaner or by wiping with a moist cloth. The second treatment with CaSoPaL<sup>®</sup> plus gives long time protection against new biological growth. Finally, it is recommended to paint the surface with lime paint (CaSoPaL<sup>®</sup> lime paint "Classic").

When mould is found on wallpapers, it is strongly recommended to disinfect in a first step the wallpaper with CaSoPaL<sup>®</sup> clean, in order to kill any microbiological growth. In many cases, the infected area behind the wallpaper is much greater than visible on the surface. Then, the wallpaper has to be removed completely and the substrate behind has to be treated with CaSoPaL<sup>®</sup> plus twice.

Provide appropriate protection for surfaces which are not to be coated! Remove splashes with water!

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## Packaging / Storage

CaSoPal® plus is available in 500 mL spray flasks, and 0.5 Liter, 1 Liter, 5 Liter and 10 L containers. Storable for at least 2 years in closed original containers. Keep away from moisture and air. CaSoPal® plus has to be stored between +5 °C and +25 °C.

## Safety

**CaSoPal® plus** mould remover is strongly alkaline and flammable/combustible. Keep away from oxidizers, heat, sparks and flames. Avoid spilling, skin and eye contact. Use face mask, protective gloves and safety goggles. Spraying may produce aerosols which can be dangerous and harmful to health. Ventilate well, avoid breathing vapours. Open the windows. Keep the containers tightly close. Keep out of reach of children.

Biocide-Number (Germany): N-41000

**Follow the instructions given in our Material Safety Data Sheet!**

*The information mentioned above is state of the art and has been developed by intensive research and development. The application of our products and their use is beyond the range of our influence. Therefore IBZ- Salzchemie GmbH & Co. KG cannot take any liability from events that result from the information contained in this leaflet. Careful and considered use of CaSoPal® plus is highly recommended.*



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