

# PREVENTOL® D 9 PLUS

## Preservative for water-based technical preparations



### Chemical basis:

Liquid formulation of (ethylenedioxy)dimethanol and 2-octyl-2H-isothiazol-3-one

### Characteristics:

Appearance:	colourless to light yellow liquid
Solubility:	water-miscible in any proportion
Density (20 °C):	approx. 1.19 g/cm <sup>3</sup>
pH (10%):	approx. 5 – 8

### Shelf-life / Packaging:

12 months if stored properly (+5°C to +40°C, in original tightly sealed drums and containers)  
Drums of 25 or 200 kg, containers of 1100 kg

### Application:

PREVENTOL® D 9 PLUS is a VOC-free preservative, which protects glaze and body slurries prepared with organic swelling and binding agents against bacterial attack, thus allowing to store them for an extended period of time.

Owing to the active substance combination contained in PREVENTOL® D 9 PLUS, this preservative has a broad and balanced spectrum of activity against bacteria, fungi and yeast, hence reducing an undesired adaption tendency. It is suitable for slurries of a pH 3-10 and can be processed at temperatures of up to 60°C.

The required addition quantity depends on the operating conditions and ranges between 0.1 and max. 0.2% related to the total slip quantity. The necessary amount of this biocide to be added can be optimised by complementary hygienic measures during production, storage and transport of the products to be protected.

### Additional information:

(Ethylene dioxy)dimethanol is a so-called formaldehyde donor. Preparations with a free formaldehyde content of  $\geq 1000$  ppm must be labelled according to CLP/GHS.

In order to ensure the limit value of  $<1000$  ppm of free formaldehyde from PREVENTOL® D 9 Plus in the preparation, a maximum of 0.2% of PREVENTOL® D 9 Plus related to the total weight of the preparation may be used.

The current material safety data sheet must always be respected, since it contains further indications regarding labelling, first-aid-measures, transport and storage, as well as important information on handling, product safety, toxicity and environmental behaviour.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

## **PREVENTOL® D 9 PLUS**

The use of PREVENTOL® D 9 PLUS is subject to national regulations of each individual country. For this purpose, please contact us by e-mail to [keramik@zschimmer-schwarz.com](mailto:keramik@zschimmer-schwarz.com) for further information on the approval in your country.

USE BIOCIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION CAREFULLY BEFORE USE.

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