

PREVENTOL® BMO

Preservative for aqueous technical preparations



Chemical basis:

Aqueous solution based on 1.2-benzisothiazolin-3-one, methyl isothiazolin-3-one and octylisothiazolinone

Characteristics:

Appearance:	colourless to light yellow liquid
Solubility:	water-miscible in any proportion
Density (20 °C):	approx. 1.12 g/cm ³
pH (10%):	approx. 4.7

Shelf-life / Packaging:

12 months if stored properly (+2°C to +40°C, in original sealed drums and containers)
Drums of 25 or 200 kg, containers of 1000 kg

Application:

PREVENTOL® BMO is a preservative free of VOC, formaldehyde and heavy metals, 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 its contained triple active substance combination, PREVENTOL® BMO has a broad spectrum of antimicrobial activity. It is suitable for slurries of a pH ≤10 and can be processed at temperatures of up to 60°C.

The required addition quantity depends on the operating conditions and ranges between 0.05 and 0.30% 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:

Based on legal regulations the following classification / labelling of the respective preparation (e.g. glaze, engobe, body...) is required when 1.2-benzisothiazolin-3-one (BIT)-containing biocide products are used in Europe:

- > 50 ppm related to the active matter BIT
Corresponds to the use of > 0.20% PREVENTOL® BMO, related to the total weight of the preparation):
Labelling with EUH 208: „Contains 1.2 benzisothiazol-3(2H)-one.
May produce an allergic reaction.“

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.

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- > 500 ppm related to the active matter BIT
Corresponds to the use of >2.05% PREVENTOL® BMO, related to the total weight of the preparation):
Classification according to (EC) No. 1272/2008 with Skin sens. 1; H 317
„May produce an allergic skin reaction“; Labelling with pictogram GHS 07
(„exclamation mark“) and signal word „Attention“.

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 use of PREVENTOL® BMO is subject to national regulations of each individual country. For this purpose, please contact us by e-mail to keramik@zschimmer-schwarz.com for further information on the national approval in your country.

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

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