

## Product Information

# Preventol® next MP 900

Dry film preservative based on slow release IPBC

**Preventol® next MP 900****Uses**

VOC-free, fungicidal aqueous dispersion for the manufacturing of water-based coating systems e.g. architectural coatings or wood coatings.

**Chemical and physical data**

Composition:	aqueous dispersion based on 3-iodo-2-propinyl butyl carbamate (IPBC)
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**Specification**

The specification parameters can be found in the currently valid product specification.

**Characteristic data\***

Density (20 °C):	1.096 kg/l
Dynamic Viscosity (20 °C):	117.0 mPas
Solubility:	miscible in water

\*Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding.

**Storage**

If correctly stored and kept in the original sealed package, the shelf life is 9 months. The product should not be stored at temperatures below 0 °C and above 30 °C and direct sunlight should be avoided. It is recommended to homogenise the dispersion by stirring before use.

**Application**

Preventol® next MP 900 is a pumpable, VOC-free, waterborne dispersion based on the slow release 3-iodo-2-propinyl butyl carbamate (IPBC). The product has been developed as a dry-film preservative for the fungicidal treatment of waterborne paints and coatings. The broad fungicidal effect of its active ingredient, which is particularly effective against mould and fungi known to destroy exterior surfaces, lead to an excellent protection of the dried film.

Preventol® next MP 900 offers less active ingredient leaching from the paint film and extended efficacy. The slow release technology allows lower use of active ingredient and therefore less risk of yellowing compared to standard IPBC products. These favourable features could be achieved by using the slow release technology.

The slow release IPBC is suitable for use in water-based wood coatings, wood stains and architectural coatings. The recommended use level for paints & coatings is 0.5 % - 2.5 % of Preventol® next MP 900 calculated on ready-to-use formulation.

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The use of Preventol® next MP 900 does usually not result in incompatibilities. However, given the wide range of paints and coatings in use, we generally recommend preliminary trials to investigate compatibility, biological efficacy and the optimal dosage level.

Due to the delivery form of Preventol® next MP 900 as an aqueous dispersion it can easily be incorporated into the product to be preserved. In general, Preventol® next MP 900 should be added with good agitation at the end of the manufacturing process. By all means please make sure that Preventol® next MP 900 is thoroughly stirred before use in order to avoid non-uniform distribution of the preservative in the finished product which will compromise the desired biocidal efficacy.

## Performance

Because of the slow release technology the leaching of IPBC is significantly reduced. As a consequence the lifetime of a coating film may be extended.

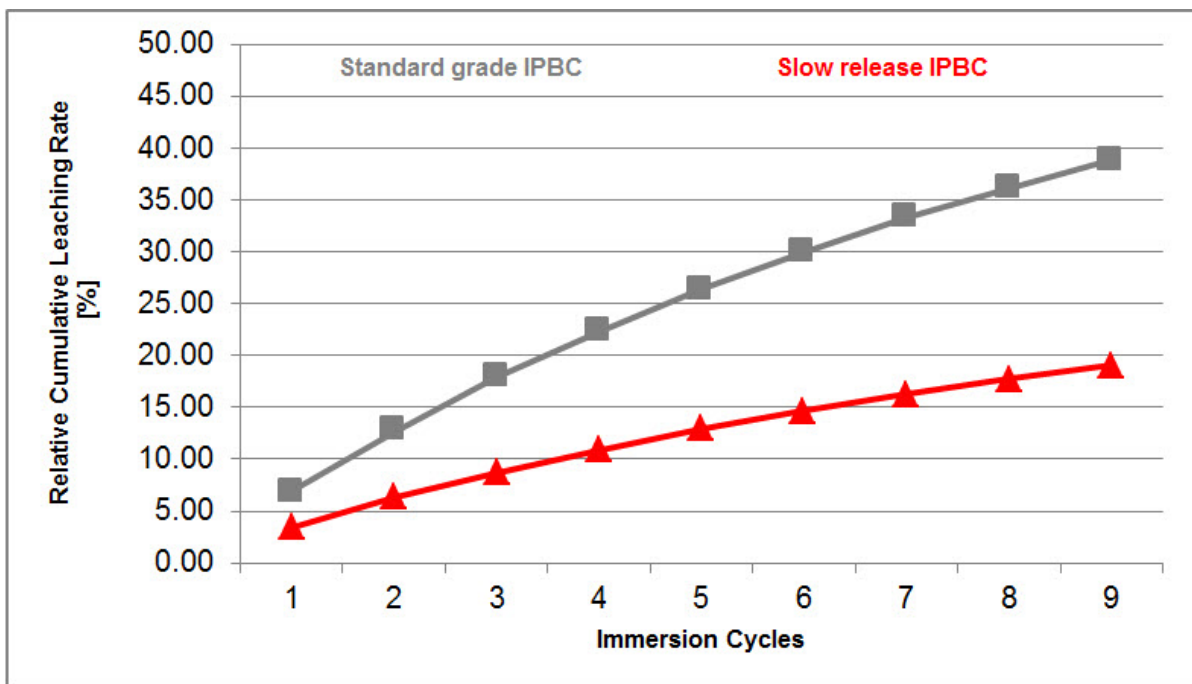


Figure 1: Lab leaching trials according to DIN EN 16105, dosage: 0.7 % IPBC, coverage: 185g/m<sup>2</sup> acrylic paint

## Preventol® next MP 900

### Registration / Approval / Recommendation

Up-to-date information on the registration status of our products can be obtained from:

LANXESS Deutschland GmbH  
Business Unit Material Protection Products  
Regulatory Affairs  
50569 Cologne / Germany  
E-Mail: [Regulatory-Support-Biocides@lanxess.com](mailto:Regulatory-Support-Biocides@lanxess.com)

### Precautions

Preventol® next MP 900 is a dispersion. Skin contact must be avoided and care must be taken to prevent the liquid being splashed. The precautions generally recommended for handling chemicals must be observed, e.g. wearing of protective clothing, safety goggles and protective gloves.

If the product comes into contact with the skin, the affected area must be washed immediately with soap and plenty of water; splashes in the eyes must be rinsed out immediately with plenty of water. If irritation persists, medical attention must be obtained. Contaminated clothing must be changed immediately.

Effective ventilation must be provided during and after the use of wood preservatives, including biocidal wood coatings and other fungicidal treated coatings, e. g. wall paints. Eating, drinking and smoking must be prohibited during work. Do not breathe in product fumes or aerosols.

Wood preservatives and wood coatings contain biocidal active ingredients to protect wood against pests. They must be applied according to the instructions for use and only in those cases where protective measures are necessary and where they pose no practical risk to man. They must not generally be used in living or recreational areas, or at least should only be applied to a very small surface area and in amounts not exceeding the minimum necessary. They must not be applied to wood which is likely to come into prolonged contact with the skin or to wood which comes into direct contact with foodstuffs. For remedial wood treatment, wood preservatives should be used indoors exclusively on constructional timber and should be applied by professionals only. Treated timber has to be covered to prevent dust discharges into living or recreational areas.

**If other fungicidal treated coatings, e. g. wall paints, are used for indoor applications they must only be used in damp rooms, e.g. basements, laundry rooms etc., and on restricted damp area spots in other rooms.**

The current safety data sheet should be observed. This contains further information on labelling, transport and storage as well as information on handling, product safety, toxicity and ecology.

Use biocides safely. Always read the label and product information before use.

## Preventol® next MP 900

### Labelling

This product information must be used in conjunction with the currently valid safety data sheet for the product which indicates labelling according to the relevant provisions for classification & labelling on EU Level.