

## DMF (Dimethylfumarate)

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DMF is the abbreviation for **Dimethylfumarate** (CAS-Nr. 624-49-7), a strong contact allergen, which, even in minor concentrations, can lead to heavy allergic reaction. Injuries similar to burns and also acute breathing difficulties are also possible.

Dimethylfumarate is used as a biocide, which is intended to prevent the infestation of mold. In this case, the chemical is not used directly on the product, but is added to the product in sacs. The Dimethylfumarate evaporates, impregnates the product and subsequently protects it against mold.

Within the European Community the usage of Dimethylfumarate is already forbidden by the EC directive 98/8/EC („concerning the placing of biocidal products on the market“). However, non-European manufacturers were able to use the biocide, which was not allowed within the European Community, without restriction. Furthermore they were able to import their products containing DMF unopposed into the European Community.

The EC directive 2009/251/EC dated 17.03.2009 („requiring Member States to ensure the products containing the biocide dimethylfumarate are not placed or made available on the market“) which is based on the EC directive 2001/95/EC („general product safety“) closes this gap.

In accordance to the decision of the commission, the products containing DMF offer a serious danger for the safety and health of the consumers. Subsequently, since 1st. May 2009 products or parts of products containing DMF are no longer allowed to be brought into circulation or put on the market. Products or product parts containing DMF are those, which confirm the presence of Dimethylfumarate or which have a higher DMF concentration than 0.1 mg/kg of the weight of the product or product parts. Furthermore, the member states must ensure that products containing DMF, which were already brought into circulation or put on the market, are subsequently removed from the market and are called back from the consumers.

The aim of the comprehensive body of legislation for Biocide and DMF is to ensure a high level of protection of human health and the environment. This basic society aim is regarded by INGUN Prüfmittelbau GmbH as being both worthwhile and indispensable. For this reason, all business decisions and actions of INGUN Prüfmittelbau GmbH are always reviewed in regard to environmental aspects and their implications.

The question which needs to be clarified is whether those products circulated by INGUN Prüfmittelbau GmbH contain Dimethylfumarate and respectively whether the allowed limit values are above those defined in the directive.

After reviewing the regulations and after analysis of our processes, products and procured parts we take the following standpoint:

**According to our state of knowledge we confirm that the products brought into circulation by INGUN Prüfmittelbau GmbH do not contain Dimethylfumarate or respectively are below the allowed limit values which are defined in the directive. This being because INGUN Prüfmittelbau GmbH does not use Dimethylfumarate – also not in those products imported from outside the European Union.**

This statement was generated electronically and is valid without a signature.

INGUN Prüfmittelbau GmbH

Konstanz, May 2009

The management