

July 16, 2024

TEGO® Glide 490

Food Contact Information

Food Contact legislation pertains to the end product, such as food packaging and kitchen utensils. While information on raw materials can aid in compliance, ultimate legal adherence can only be confirmed upon completion of the finished product. The following conformities are contingent upon the product being utilized in accordance with technical data sheet specifications, such as its use as an additive or co-binder, and at the designated usage level.

EU: Regulation 10/2011

TEGO® Glide 490 as an additive is in compliance with EU-Regulation 10/2011 on plastic materials and articles intended to come into contact with food and its amendments. However, one component is a catalyst (< 0.7 wt.-%), which has been risk assessed for levels below 0.05 % in plastic. Migration testing necessary to verify compliance.

Please note that TEGO® Glide 490 contains the following additional compounds (biocides):

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (CAS# 55965-84-9) (< 0.02 wt.-%)

It is not included in the Union List with the respective restrictions. It can be seen as PPA for plastic in food contact, as it has no function in the end product.

1,2-Benzisothiazol-3(2H)-one; CAS# 2634-33-5 (< 0.02 wt.-%) – has a positive evaluation by EFSA (European Food Safety Authority, 16th list of substances for food contact materials, 09.2007) but is not yet included in the Union List with the respective restrictions. It can also be seen as PPA for plastic in food contact, as it has no function in the end product.

Please note that the other components used in TEGO® Glide 490 do not have any SML or restriction/ specification, while others do.

Further it contains three dual-use additives.

BfR Recommendation XIV

TEGO® Glide 490 may be used in compliance with BfR 14, if used as additive up to max. 0.43%.

Please note that TEGO® Glide 490 contains the following biocides:

- Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (CAS# 55965-84-9) (< 0.02 wt.-%)

According to BfR Recommendation XIV the below mentioned biocide shall not exceed 80 µg/dm² in the dispersion layer.

- 1,2-Benzisothiazol-3(2H)-one (CAS# 2634-33-5): (<0.02 wt.-%)

Please note that the other components used in TEGO® Glide 490 do not have any SML or restriction/ specification, while others do.

Further it contains three dual-use additives.

Switzerland: SR 817.023.21 (Amended on 8. Dec. 2023; in force since 1. Feb. 2024)

TEGO® Glide 490 may be used for the manufacturing of printing inks for packaging according to Swiss Ordinance 817.023.21. The main component(s) (non CMR) of this product is/are not listed in ANNEX 10 or 2 and can only be used under the very strict migration limit of 0.01 mg/kg Food.

The product also contains substances either listed in ANNEX 10 or 2 with or without SML.

To conduct a preliminary compliance check, we suggest using our *COATINO® SML Calculator*.

German Ink Ordinance (GIO) / Consumer Goods Regulation (BedGgstV)

TEGO® Glide 490 complies with the compositional requirements for printing inks not intended for direct contact with food as defined in the German BedGgstV. Migration of single components must not exceed 10 µg/kg food.

China: GB 9685-2016

TEGO® Glide 490 may be in compliance with GB 9685 for paper and board applications.

USA: FDA

TEGO® Glide 490 may be used in compliance with FDA 21 CFR 175.105, when separated from food by a functional barrier or used in compliance with GMP such that it does not become a component of food at de minimus levels. TEGO® Glide 490 may be used in compliance with FDA 21 CFR 175.105, when separated from food by a functional barrier

or used in compliance with GMP such that it does not become a component of food at de minimus levels.

TEGO® Glide 490 may be used in compliance with FDA 21 CFR 176.210, 176.170 and 176.180.

The product is not in compliance with 21 CFR 175.300.

Mercosur: MERCOSUR/GMC/RES No 39/19 and MERCOSUR/GMC/RES No 02/12

TEGO® Glide 490 is not in compliance with Mercosur.

**EUPIA EXCLUSION LIST FOR PRINTING INKS AND RELATED PRODUCTS*
(6th Edition of March 2024)**

For Selection Criteria A and B: Please refer to Safety Data Sheet (Chapter 3).

We would like to confirm that we do not expect the presence of substances listed in the EUPIA “Exclusion List for Printing Inks and Related Products”, in Selection Criteria C and Substances Lists D to G in TEGO® Glide 490.

Detailed information of the guidance can be found under the following Link:

EUPIA Exclusion List for Printing Inks

**Nestlé Guidance Note on Packaging Inks*
(Version October 2018)**

We would like to confirm that we do not expect the presence of substances listed in the ***Nestlé Guidance Note on Packaging Inks*** in TEGO® Glide 490.

Finished food contact materials or articles containing this product as a component, need to comply inter alia with migration and/or extraction limits or any other restrictions – as specified in the applicable regulations. Verification of compliance with above mentioned limits/restrictions should be carried out in accordance with the respective rules. We would like to point out that it is in the sole responsibility of the manufacturer of the final material or article to assure the compliance under actual and foreseeable conditions of use, and to check it on a regular basis. The manufacturer of food contact materials or articles, containing this product as a component, must in particular ascertain that these finished materials or articles meet the general regulatory requirement that they do not endanger human health, or bring about an unacceptable change in the composition of the food or deterioration in the organoleptic characteristics thereof.

*The given information is based on and represents our current compositional knowledge (based on the knowledge of the production process, supplier information for raw materials and analytical data where applicable). In case of provided values these are considered to be typical concentrations and are not part of product specification.

Furthermore, the given information is intended for persons having the required skill and know-how and it does not relieve you from verifying the suitability of the information given for a specific purpose prior to use by testing, which should be carried out only by qualified experts. Use or application of such information is at your sole responsibility and risk, without any liability on the part of Evonik Operations GmbH.

All provided information is based on our present knowledge and experience and is true and complete to the best of our knowledge and belief. However, no warranty, whether expressed or implied, or guarantee of product properties in the legal sense is intended or implied.

In case of any questions concerning the provided information or if you need additional advice you are welcome to contact us:

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