

FOOD CONTACT

BYK Regulatory Information

DISPERBYK-168 A

Summary

DISPERBYK-168 A is suitable for food contact applications under the following compositional provisions, provided that its use does not exceed the maximum concentration as indicated below:

Printing inks		
Europe	21 st Amendment to Consumer Goods Ordinance (GIO)	Yes – max. 20 % (see explanation)
	Swiss Ordinance 817.023.21	
Industry	Nestlé Standard “Printing Inks for Food Packaging”	Yes
	EuPIA Exclusion Policy	Yes

This summary reflects evaluations conducted based on existing regulations. It does not preclude the possibility of compliant use in other regions or applications. The explanations below provide details on the regulations and evaluations considered.

Explanation

Printing inks

EUROPE

21st Amendment to Consumer Goods Ordinance (GIO)

Intentionally added substances in this product are either listed in Annex 14, Table 1 of the GIO, subject to derogation under §4, Abs. 5, Sentence 5 (“salt rule”), or are included in Regulation (EU) No 10/2011 without any restrictions indicated in columns 9 and/or 10. Substances used beyond the scope of paragraphs 5 and 6 of this Regulation and/or listed in Annex I of Regulation (EU) No 10/2011 are not classified as carcinogenic, mutagenic, or toxic to reproduction (CMR) according to the criteria established in Regulation (EC) No 1272/2008 (CLP).

The table below lists only the substances used or known to be present that are relevant for compliance with the specific migration limits (SML) and/or any restrictions laid down in the German Ink Ordinance and/or Regulation (EU) No 10/2011:

FCM No.	CAS-No.	Name	SML / SML(T) [mg/kg]	Restrictions / Specifications
n.a.	1119-40-0	Pentanedioic acid, dimethyl ester	0,01	n.a.
n.a.	106-65-0	Butanedioic acid, dimethyl ester	0,01	n.a.
GIO - 5	627-93-0	Hexanedioic acid, dimethyl ester	SML = 3 SML(T) = 29	n.a.

n.a.: not applicable

In accordance with our role as manufacturer of substances, and based on information provided to us by raw material suppliers, non-intentionally added substances (NIAS) which have become known to us are assessed in accordance with internationally recognized scientific principles of risk assessment to ensure compliance with the requirements of Article 3(1)(a) of Regulation (EC) No 1935/2004.

The assessments are carried out under the assumption that this product is used in accordance with BYK’s recommendations for food contact applications and/or under normal or foreseeable conditions of use, and considering the following parameters: 100% migration, 1 kg of food in contact with 6 dm² of packaging material, substrate weight of 15 g/m².

Therefore, this product can be considered suitable for use in food contact packaging inks that are not in contact with food (non-direct food contact inks). Please note that it is the responsibility of both manufacturers of finished food contact articles and downstream business operators to ensure compliance with the applicable migration limits and restrictions of the finished materials or articles under specific real and/or foreseeable conditions of use.

Swiss Ordinance 817.023.21

Intentionally added substances in this product are either listed in Annex 2 and/or Annex 10 of Swiss Ordinance 817.023.21 (version January 1, 2025), subject to Article 35(b), or are not classified as carcinogenic, mutagenic, or toxic to reproduction (CMR).

Therefore, this product can be considered suitable for use in food contact packaging inks that are not in contact with food (non-direct food contact inks). Additional information regarding limitations, restrictions and/or specifications is available in the German Ink Ordinance section.

Industry

Nestlé Standard “Printing Inks for Food Packaging” (02/04/2024)

None of the intentionally added substances in the product are listed in the exclusion and/or minimisation lists of the Nestlé Standard “Printing Inks for Food Packaging” (version St-80.001-01 of 02/04/2024). Therefore, the use of this product does not prevent downstream business operators from fulfilling the relevant requirements set forth in the aforementioned Nestlé Standard.

EuPIA Exclusion Policy for printing inks and related products (April 2025)

The classification and composition of this product allows the formulation of printing inks in accordance with the EuPIA Exclusion Policy.

General Remarks

These regulations apply within the context of respective regional framework regulations, e.g. Regulation (EU) No. 1935/2004 and FDA 21 CFR 174.5. Since traces of unknown processing aids cannot be fully excluded, compliance with general requirements is the responsibility of the end user.

BYK reserves the right to change or update the information without notice. At most, this letter is in effect for three years commencing the date of issue.

Food Contact Team
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The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions

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