

FOOD CONTACT

BYK Regulatory Information

AQUACER 8335

Aqueous paraffin wax emulsion for coatings, printing inks, care products and polishes.

Summary

AQUACER 8335 is suitable according to the following compositional provisions for food contact applications, as indicated:

Adhesives		
USA	21 CFR 175.105 'Adhesives'	Yes
Coatings		
USA	21 CFR 175.300 'Resinous and polymeric coatings'	Yes
	21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films'	Yes
Paper & paperboard		
USA	21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'	Yes
	21 CFR 176.180 'Components of paper and paperboard in contact with dry food'	Yes
Printing inks		
Europe	Suitable for food contact printing inks	See explanation
	Swiss Ordinance 817.023.21 (Annex 10)	Yes
Industry	Nestlé Printing Inks for Food Packaging (07/04/2022)	See explanation
	EuPIA Exclusion List (March 2021)	Yes
MOSH/MOAH	French Decree (13 April 2022)	Present

This summary only reflects conducted evaluations on existing regulations. It does not exclude compliant use in additional regions or applications. Explanations below show details on considered regulations and evaluations.

Explanation

Adhesives

- USA** **21 CFR 175.105 'Adhesives'**
The product complies with the compositional requirements of FDA 21 CFR 175.105 'Adhesives'.

Coatings

- USA** **21 CFR 175.300 'Resinous and polymeric coatings'**
The product complies with the compositional requirements of FDA 21 CFR 175.300 'Resinous and polymeric coatings'.
- 21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films'**
The product complies with the compositional requirements of FDA 21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films'.

Paper and paperboard

- USA** **21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'**
The product complies with the compositional requirements of FDA 21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'.
- 21 CFR 176.180 'Components of paper and paperboard in contact with dry food'**
The product complies with the compositional requirements of FDA 21 CFR 176.180 'Components of paper and paperboard in contact with dry food'.

Printing inks

Europe **Swiss Ordinance 817.023.21 (Annex 10)**

This product is conform with the compositional requirements of the part for printing inks for packaging of the Swiss Ordinance 817.023.21 (Version of 1 October 2022), since all components are listed in Annex 10. Specific migration limits apply.

Industry **Nestlé Printing Inks for Food Packaging (07/04/2022)**

According to the recipe, the product contains mineral oil saturated hydrocarbons, which is mentioned under 4. 'General Nestlé Exclusions and Minimisations' of the Nestlé Printing Inks for Food Packaging (07/04/2022). According to the recipe, the product does not intentionally contain any of the substances listed in Table 5 – Table 8 of the Nestlé Printing Inks for Food Packaging (07/04/2022).

EuPIA Exclusion List (March 2021)

According to the recipe, none of the substances listed in Annex 1 (Group C – G) of the EuPIA Exclusion List (March 2021) are present. The product itself is not classified and labeled with any of the Hazard Statements given in Group A and B.

MOSH/MOAH **French Decree (13 April 2022)**

The French Decree of 13 April 2022 specifies substances contained in mineral oils whose use is prohibited on packaging and for printing intended for the public.

The following requirements are set:

Enforcement date 01.01.2023:

Mineral Oil Aromatic Hydrocarbons (MOAH):

Containing 1 to 7 aromatic rings: $\leq 0,1\%$

Mineral Oil Saturated Hydrocarbons (MOSH):

Containing (C16 - C35 carbon atoms): $\leq 1,0\%$

Enforcement date 01.01.2025:

Mineral Oil Aromatic Hydrocarbons (MOAH):

Containing 1 to 2 aromatic rings: $\leq 0,1\%$

Containing 3 to 7 aromatic rings: $\leq 1 \text{ ppm}$

Mineral Oil Saturated Hydrocarbons (MOSH):

Containing (C16 - C35 carbons atoms): $\leq 0,1\%$

According to the recipe, the product contains a wax according to the definitions set in the French Decree of 13 April 2022, in the following way:

Mineral Oil Saturated Hydrocarbons containing (C16 - C35 carbon atoms): < 38%.

For you as a customer, this means that you can carry out your own food assessment of your product based on the provided amounts of MOSH/MOAH.

Please do not hesitate to contact us if you have any questions.

General Remarks

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 deems to be actual for three years commencing the date of issue.

Food Contact Team
Regulatory Affairs
BYK-Chemie GmbH

ADD-MAX[®], ADD-VANCE[®], ANTI-TERRA[®], AQUACER[®], AQUAMAT[®], AQUATIX[®], BENTOLITE[®], BYK[®], BYK-AQUAGEL[®], BYK[®]-DYNWET[®], BYK-MAX[®], BYK[®]-SILCLEAN[®], BYKANOL[®], BYKCARE[®], BYKETOL[®], BYKJET[®], BYKO2BLOCK[®], BYKONITE[®], BYKOPLAST[®], BYKUMEN[®], CARBOBYK[®], CERACOL[®], CERAFAK[®], CERAFLLOUR[®], CERAMAT[®], CERATIX[®], CLAYTONE[®], CLOISITE[®], DISPERBYK[®], DISPERPLAST[®], FULACOLOR[®], FULCAT[®], GARAMITE[®], GELWHITE[®], HORDAMER[®], LACTIMON[®], LAPONITE[®], MINERPOL[®], NANOBYK[®], OPTIBENT[®], OPTIFLO[®], OPTIGEL[®], POLYAD[®], PRIEX[®], PURABYK[®], PURE THIX[®], RECYCLOBLEND[®], RECYCLOBYK[®], RECYCLOSSORB[®], RECYCLOSTAB[®], RHEOBYK[®], RHEOCIN[®], RHEOTIX[®], SCONA[®], SILBYK[®], TIXOGEL[®] and VISCOBYK[®] are registered trademarks of the BYK group.

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 - Printed in Germany.