

# FOOD CONTACT

BYK Regulatory Information

## AQUACER 8330

### Summary

AQUACER 8330 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 (02/04/2024)	See explanation
	EuPIA Exclusion List (March 2024)	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 is covered by 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' and can be recommended accordingly.

**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' and can be recommended accordingly.

### 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 can be used in compliance with the 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 manufactured from components listed in Swiss Ordinance 817.023.21 (Version of 1 February 2024) Annex 10, as well as non-listed components. The non-listed components are self-controlled substances with a Specific Migration Limit of 10 ppb. In addition, this product may contain Non-Intentionally Added Substances such as those listed on our SML disclosure document which may be Risk Assessed in the final material.

If migration limits are respected, the product can be recommended for use in food contact printing inks in Europe. For additional information on applicable migration limits, please contact us via our webform: <https://www.byk.com/en/contact?topic=regulatory-affairs>

### Industry

#### **Nestlé Printing Inks for Food Packaging (02/04/2024)**

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 2024)**

According to the recipe, none of the substances listed in Annex 1 (Group C – G) of the EuPIA Exclusion List (March 2024) are intentionally 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:  $\leq 0,1\%$

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Containing 3 to 7 aromatic rings:  $\leq 1$  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):  $< 21\%$ .

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.

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## 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.

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