

# FOOD CONTACT

## BYK Regulatory Information

### AQUACER 8880

Ammonia dispersion based on an ethylene-acrylic acid copolymer for improving surface properties and heat seal properties of aqueous coatings.

#### Summary

AQUACER 8880 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 (restricted)
	21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films'	Yes (restricted)
Paper & paperboard		
USA	21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'	Yes (restricted)
	21 CFR 176.180 'Components of paper and paperboard in contact with dry food'	Yes (restricted)
Printing inks		
Europe	Suitable for food contact printing inks	Yes
	Swiss Ordinance 817.023.21 (Annex 10)	Yes
Industry	Nestlé Guidance Note on Packaging Inks (Oct. '18)	Yes
	EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018)	Yes

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, provided that the following limitations are observed:

- A. The finished food-contact layer made with this resin cannot exceed a thickness of 2.5 mils (0.0025 inch).
- B. Under Conditions of use B, C, D, and H, the article may be in contact only with food types I, II, IV B, VI A, VI B, VII B, and VIII.
- C. Under Conditions of use E, F, and G, the article may be in contact with all types of food except VI C.

The subsequent salinization is not regarded to change this regulatory status.

**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, provided that the following limitations are observed:

- A. The finished food-contact layer made with this resin cannot exceed a thickness of 2.5 mils (0.0025 inch).
- B. Under Conditions of use B, C, D, and H, the article may be in contact only with food types I, II, IV B, VI A, VI B, VII B, and VIII.
- C. Under Conditions of use E, F, and G, the article may be in contact with all types of food except VI C.

The subsequent salinization is not regarded to change this regulatory status.

## Paper and paperboard

### **USA**      **21 CFR 176.170 & 176.180**

The basic copolymer of AQUACER 8880 is compliant with 21 CFR 176.170(b) & 176.180, provided that the following limitations are observed:

- A. The finished food-contact layer made with this resin cannot exceed a thickness of 2.5 mils (0.0025 inch).
- B. Under Conditions of use B, C, D, and H, the article may be in contact only with food types I, II, IV B, VI A, VI B, VII B, and VIII.
- C. Under Conditions of use E, F, and G, the article may be in contact with all types of food except VI C.

The subsequent salinization is not regarded to change this regulatory status.

## 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 December 2020), since all components are listed in Annex 10. Specific migration limits apply.

Therefore, the product can be recommended for food contact printing inks in Europe.

### **Industry**      **Nestlé Guidance Note on Packaging Inks (Oct. '18)**

According to the recipe, the product does not contain any of the substances listed in Table 1 – Table 7 of the Nestlé Guidance note on Packaging Inks (dated October 2018).

### **EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018)**

According to the recipe, none of the substances listed in Annex 1 (Group C – G) of the EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018) are present. The product itself is not classified and labeled with any of the Hazard Statements given in Group A and B.

## 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  
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*This issue replaces all previous versions*

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