

# FOOD CONTACT

## BYK Regulatory Information

### AQUACER 8890

Dispersion based on ethylene-acrylic acid copolymer wax.

#### Summary

AQUACER 8890 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	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 complies with the compositional requirements of FDA 21 CFR 175.105 'Adhesives' and can be recommended to be used in accordance with the provisions of this section.

### 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'. The finished food-contact layer made with this additive with a maximum thickness of 63.5 µm (2.5 mils) may be used in contact with the following food types and conditions of use as described in § 176.170(c):

- food types I, II, IVB, VIA, VIB, VIIB, and VIII under conditions of use B through H
- food types III, IVA, V, VIIA, and IX under conditions of use E through G

**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 polyolefins'. The finished food-contact layer made with this additive with a maximum thickness of 63.5 µm (2.5 mils) may be used in contact with the following food types and conditions of use as described in § 176.170(c):

- food types I, II, IVB, VIA, VIB, VIIB, and VIII under conditions of use B through H
- food types III, IVA, V, VIIA, and IX under conditions of use E through G

### 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'. The finished food-contact layer made with this additive with a maximum thickness of 63.5 µm (2.5 mils) may be used in contact with the following food types and conditions of use as described in § 176.170(c):

- food types I, II, IVB, VIA, VIB, and VIIB under conditions of use B through H
- food types III, IVA, V, VIIA, and IX under conditions of use E through G

## Paper and paperboard (continued)

**USA**     **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'. The finished food-contact layer made with this additive with a maximum thickness of 63.5 µm (2.5 mils) may be used in contact with the following food types and conditions of use as described in § 176.170(c):

- food type VIII under conditions of use B through H

## 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.

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*This issue replaces all previous versions*

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