

FOOD CONTACT

BYK Regulatory Information

AQUACER 8059

Emulsion based on a HD polyethylene wax for improving the surface properties of aqueous care products and polishes as well as in aqueous coatings and printing inks.

Technically recommended use level: 3 – 14 %

Summary

AQUACER 8059 is suitable according to the following compositional provisions for food contact applications, as indicated:

| 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 |
| Adhesives | | |
| USA | 21 CFR 175.105 'Adhesives' | No |
| Coatings | | |
| USA | 21 CFR 175.300 'Resinous and polymeric coatings' | No |
| | 21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films' | No |
| 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 |

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

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 2019), 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.

Adhesives

USA **21 CFR 175.105 'Adhesives'**

The composition of the product does not comply with the requirements of FDA 21 CFR 175.105 'Adhesives' and cannot be recommended accordingly.

Coatings

USA **21 CFR 175.300 'Resinous and polymeric coatings'**

The composition of the product does not comply with the requirements of FDA 21 CFR 175.300 'Resinous and polymeric coatings' and cannot be recommended accordingly.

21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films'

The composition of the product does not comply with the requirements of FDA 21 CFR 175.320 'Resinous and polymeric coatings for polyolefin films' and cannot 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 can be used in compliance with the requirements of FDA 21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'.

Salinization of the active ingredient is not considered to change this regulatory status.

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'.

Salinization of the active ingredient is not considered to change this regulatory status.

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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