

# SPECIALTY ADDITIVES – PRODUCT AND FOOD CONTACT REGULATORY INFORMATION

Status as per 22 Feb. 2017

This overview table is only for general information. For a statement letter regarding a specific product please contact: picus@evonik.com. FDA letters can be downloaded via our website at: [www.airproducts.com/FDAletters/](http://www.airproducts.com/FDAletters/)

The table is constantly updated based on changing legislation and information on products. For fields without an entry the legislation has not yet been reviewed. For any additional information or comments, please contact: picus.@evonik.com.

Defoamer	Mineral oil free (*)	Compliant with Swiss Ordinance - Annex 10 1. May 2017	Contains substances listed in Part A of Lists I-V	Contains substances listed in Part B of Lists I-V (10 ppb-rule applies)	Compliant with PIM EU 10/2011	Compliant with German BfR XXXVI 1/2/3 Version 01.07.2016	FDA Compliance 21CFR 175.105	FDA Compliance 21CFR 175.300	FDA Compliance 21CFR 176.170	FDA Compliance 21CFR 176.180	Compliant with China GB9685 -2016	Compliant with EuPIA-Exclusion List 1st edition, September 2015	CEPE Code of Practice for Food Contact Coatings 20 Aug. 2007	Contains substances listed in Parts A and C	Contains substances listed in Parts B and D
AIRASE® 4500 DEFOAMER	+++	+++	+++	+++	+++	XXXVI	+++	+++ (4)	+++ (4)	+++ (4)	+++	+++	+	+++	+
AIRASE® 4655 DEFOAMER	+++	+++	+++	+	+++	XXXVI	+++	+++	+++	+++	+++	+++	+++	+++	+
AIRASE® 5355 DEFOAMER	+++	+++	+++	+	+	+	+++	+	+++	+++	+++	+++	+	+++	+
AIRASE® 5655 DEFOAMER	+++	+++	+++	+	+	+	+++	+	+++	+++	+++	+++	+	+++	+
CARBOWET® GA-100 SURFACTANT (1)	+++	+++	+++	+++	+	XXXVI, XXXVI/2 (2)	+++	+	+	+	+++	+++	+	+++	+++
CARBOWET® GA-210 SURFACTANT (1)	+++	+++	+++	+++	+	XXXVI, XXXVI/2 (2)	+++	+	+	+	+++	+++	+	+++	+++
CARBOWET® GA-211 SURFACTANT (1)	+++	+++	+++	+++	+	+	+++	+++ (4)	+	+	+++	+++	+	+++	+++
CARBOWET® GA-221 SURFACTANT (1)	+++	+++	+++	+++	+	+	+++	+++ (4)	+	+	+++	+++	+	+++	+++
CARBOWET® 76 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	Restrictions (3)	+	+++	+++	+++	+++	+++	+++	+
CARBOWET® 103 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	Restrictions (3)	+	+++	+++	+++	+++	+++	+++	+
CARBOWET® 106 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	+++	+	+++	+++	+++	+++	+++	+	+++
CARBOWET® 109 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	+++	+	+++	+++	+++	+++	+	+++	+
CARBOWET® 125 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	+++	+	+++	+++	+++	+++	+++	+++	+
CARBOWET® 138 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	+++	+	+++	+++	+++	+++	+++	+++	+
CARBOWET® 144 SURFACTANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	Restrictions (3)	+	+++	+++	+++	+++	+++	+++	+
DYNOL™ 360 SURFACTANT	+++	+++	+	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+	+
SURFYNOL® AD01 SURFACTANT	+++	+++	+	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+	+
SURFYNOL® 104 SURFACTANT (1)	+++	+++	+++	+	+	XXXVI, XXXVI/1, XXXVI/2, XXXVI/3	+++	+++ (4)	+	+	+++	+++	+	+	+++
SURFYNOL® 104PA SURFACTANT (1)	+++	+++	+++	+	+	XXXVI	+++	+++ (4)	+	+	+++	+++	+	+++	+++
SURFYNOL® 104PG50 SURFACTANT (1)	+++	+++	+++	+	+	XXXVI, XXXVI/2	+++	+++ (4)	+	+	+++	+++	+	+++	+++
SURFYNOL® 107L SURFACTANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+	+
SURFYNOL® 2502 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+	+	+++	+	+++	+	+	+
SURFYNOL® 355 SURFACTANT	+++	+++	+++	+	+++	XXXVI (2)	+++	+	+++	+++	+++	+++	+++	+++	+++
SURFYNOL® 420 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+++
SURFYNOL® 440 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+
SURFYNOL® 465 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+
SURFYNOL® 485 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+
SURFYNOL® 485W SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+
SURFYNOL® 61 SURFACTANT	+++	+++	+	+++	+	+	Restrictions (3)	+	+	+	+++	+++	+	+	+

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SURFYNOL® 82 SURFACTANT (1)	+++	+++	+	+++	+	XXXVI, XXXVI/1, XXXVI/2, XXXVI/3	Restrictions (3)	+	+	+	+	+++	+	+	+
SURFYNOL® DF37 DEFOAMER (1)	+++	+++	+++	+++	+	+	Restrictions (3)	+++ (4)	+++ (4)	+++ (4)	+	+++	+	+++	+++
SURFYNOL® DF66 DEFOAMER (1)	+++	+++	+++	+++	+	+	+++	+	+++	+++	+++	+++	+	+++	+++
SURFYNOL® DF695 DEFOAMER	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+	+++	+
SURFYNOL® OP-340 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++ (4)	+	+	+++	+++	+	+++	+++
SURFYNOL® PC DEFOAMER (1)	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+++
SURFYNOL® PSA-336 SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+++
SURFYNOL® SE SURFACTANT (1)	+++	+++	+++	+	+	+	Restrictions (3)	+	+	+	+++	+++	+	+++	+++
SURFYNOL® SE-F SURFACTANT (1)	+++	+++	+++	+	+	+	+++	+++	+++	+++	+++	+++	+++	+++	+++
ZETASPERSE® 170 DISPERSANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+++	+++	+	+	+
ZETASPERSE® 179 DISPERSANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	Restrictions (3)	+	+++	+++	+++	+++	+	+++	+
ZETASPERSE® 182 DISPERSANT	+++	+++	+++	+	+++	XXXVI, XXXVI/2 (2)	+++	+	+++	+++	+++	+++	+++	+++	+++
ZETASPERSE® 1200 DISPERSANT (1)	+++	+++	+++	+++	+	+	+++	+	+	+	+	+++	+	+++	+++
ZETASPERSE® 2300 DISPERSANT	+++	+++	+++	+++	+	+	+++	+	+	+	+	+++	+	+++	+
ZETASPERSE® 2500 DISPERSANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+
ZETASPERSE® 3100 DISPERSANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+
ZETASPERSE® 3400 DISPERSANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+++
ZETASPERSE® 3600 DISPERSANT (1)	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+++
ZETASPERSE® 3700 DISPERSANT	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+
ZETASPERSE® 3800 DISPERSANT (5)	+++	+++	+++	+++	+	+	Restrictions (3)	+	+	+	+	+++	+	+++	+++

(1) For specific information regarding SML-values, please contact: picus@evonik.com

(2) Please consult picus@evonik.com for the details of restrictions.

**Mineral Oil Free:**

(\*) According to BfR opinion No. 008/2010, 09 December 2009

**FDA:**

(3) Complies with restrictions.

In order to comply with 21CFR175.105, this product has to be used in accordance with good manufacturing practice for adhesives, i.e., separated from food by a functional barrier, or that there is only trace exposure of adhesive to aqueous or fatty foods at seams or edges of laminate. In cases where a large ratio of surface areas of adhesive to volume of food is involved, and where the exposure conditions are severe, extraction tests may be required to assure that the food contact layer will perform as a functional barrier.

(4) Please consult our FDA Letter for the details of restrictions.

Please note that some products have more FDA approvals than listed or have not yet been evaluated. For information please contact your Evonik representative.

§175.105 "Adhesives"

§175.300 "Resinous and polymeric coatings"

§176.170 "Components of paper and paperboard in contact with aqueous and fatty food"

§176.180 "Components of paper and paperboard in contact with dry food"

(5) Please contact picus@evonik.com for additional information regarding Swiss Ordinance compliance.

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