

Product specification

Material TEGO CARE 450 MB
Spec.Code K00 STANDARD

Evonik Nutrition & Care GmbH
 Business Line Care Solutions
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 45127 Essen
 Phone: + 49 (201) 173-2524
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Inspection Characteristics	Method	Limits	Units	Z
Iodine value	GM_0050_01	< 5.0	g I/100g	C
Acid Value	GM_0010_01	< = 12.0	mg KOH/g	X
Melting Point	GM_0150_01	52.0-58.0	°C	X
Saponification Value	GM_0030_01	120.0-140.0	mg KOH/g	X
Water Content	GM_0080_01	< = 2.0	%	X
Colour to Gardner	GM_0140_02	< = 6.0		X

Report on inspection certificate: X = specific/actual value, C = unspecific value/conformity, T = not reported

This product contributes to the production of certified sustainable palm oil according to the rules set out by RSPO Supply Chain Mass Balance (MB).

RSPO Certification Number: RSPO-V-14-13553.

This document is computer printed and therefore valid without signature.

All warranty claims in respect of the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the criteria for our internal quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when despatched from the works.

The Standard Test Methods can be obtained from specialized publishers. Evonik's test methods are available on request.

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TEGO® Care 450 MB

Product data record (PDR)

1. General information

1.1 Supplier

Evonik Nutrition & Care GmbH
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1.2 Product Description

TEGO® Care 450 MB is in full compliance with the current Cosmetic Regulation (EC) No. 1223/2009

1.2.1 Raw material category/function O/W Emulsifier

1.2.2 INCI declaration

Polyglyceryl-3 Methylglucose Distearate

1.2.3 Composition

Components (INCI)	Source	Percentage [%]
Polyglyceryl-3 Methylglucose Distearate	vegetable / synthetic	100 %

This composition information serves for information of our customers only.
 It is neither relevant for the composition listing according to Regulation (EC) No 1223/2009, nor does it reflect the chemical composition according to the different chemical regulations in the world which is disclosed in the table "information on ingredients/hazardous components" in the relevant parts of the respective (Material) Safety Data Sheets.

1.2.4 Additives

INCI	CAS No. / REACH Reg. No.	EINECS / EC No.	Content	Function
no additives				

Unless mentioned in our PDR under section 2.1 (By products) or 2.2 (CMR), no components which are listed in Annex II of the Regulation (EC) No 1223/2009 and its modifications and updates are added to and are not to be expected in the above mentioned product due to the raw materials used and the production process.

2. Information on production process

2.1. General description of production process

TEGO® Care 450 MB is obtained by conversion of methylglucose and polyglycerol with fatty acids.

Irradiation: TEGO® Care 450 MB was not irradiated with γ -rays.

TEGO® Care 450 MB is produced in the absence of any animal derived material of any type. Based on the information on the manufacturing process and production site no contamination with BSE/ TSE risk materials is to be expected.

Residual plant based source (dominant origin of main constituents: Palm (*Elaeis guineensis*), rape / canola (*Brassica*), corn (*Zea mays*)

CITES: TEGO® Care 450 MB is not based on raw materials from species listed in CITES appendices.

GMO-Status:

The item contains ingredients derived from corn and rapeseed (including oils and other refined ingredients), but these ingredients are sourced from an "Identity Preserved" programme and can be certified NON-GM. However max 0.9 % cross-contamination is possible. Any protein or DNA is not present. Consequently the product will be PCR negative when tested.

2.2 By products/Impurities

Potentially occurring by – products are not added intentionally. Impurities e.g. residual solvents are technically unavoidable.

Residual solvents	not applicable
Free amines	not applicable
Nitrosamines	not applicable
Monochloroacetic acid	not applicable
Dichloroacetic acid	not applicable
1,4-Dioxane	not applicable
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides
Total heavy metals	max. 20 ppm
As, Cd, Co, Cr, Hg, Ni, Pb, Sb	Each < 1 ppm
Latex	not to be expected in the product due to the raw materials used and the production process
VOC	< 3 % according to SR (Swiss Right) 814.018
DEG	< 0.1%

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could be used.

2.3 CMR Substances

According to Cosmetic Regulation 1223/2009 the use of substances classified as CMR (Carcinogenic, Mutagenic or Reprotoxic) substances of category 1A or 1B or 2, under Part 3 of Annex VI to Regulation (EC) No 1272/2008 in cosmetic products shall be prohibited.

Some of the CMR substances mentioned below and listed in Annex VI to Regulation (EC) No 1272/2008 are used as starting materials or solvents for the production of our cosmetic raw materials and may require reporting under California Proposition 65 or the Safe Cosmetics Act, SB 484.

The presence of these prohibited substances has to be seen as non-intended. It is stemming from impurities of the starting materials or the manufacturing process which is technically unavoidable in good manufacturing practice.

CMR substance	CAS - Nr.:	Starting material	Max. Concentration/Remark
Ethylene Oxide	75-21-8	no	
Propylene Oxide	75-56-9	no	
Octamethylcyclotetrasiloxane (D4)	556-67-2	no	
2-Ethylhexanoic Acid	149-57-5	no	
n-Hexane	110-54-3	no	
Methyl Chloride	74-87-3	no	
1,4-Dioxane	123-91-1	no	
Dimethyl Sulphate	77-78-1	no	
Formaldehyde	50-00-0	no	For more information on formaldehyde please refer to our factsheet available via our IntoBeauty website. https://intobeauty.evonik.com/

2.4 "Allergens" according to the Regulation (EC) No 1223/2009

The presence of substances, the mentioning of which is required under the column 'Other' in Annex III, shall be indicated in the list of ingredients in addition to the terms perfume or aroma.

None of those substances have been intentionally added to our cosmetic ingredients or are formed during the manufacturing process according to our knowledge of the chemistry. An analytical proof for the absence of traces of those substances is not performed in our cosmetic ingredients.

2.5 Food Ingredients listed in Annex II of Regulation (EU) No 1169/2011

None of these substances have been intentionally added to our cosmetic raw materials or are formed during the manufacturing process according to our knowledge of the chemistry.

2.6 Nanomaterial

The product is not a nanomaterial according to the definition given by Cosmetics Regulation (EC) No 1223/2009, the Commission Recommendation 2011/696/EU and the French Decree No. 2012-232. For details, a separate statement is available on request.

2.7 Substances of Very High Concern (SVHC)

The candidate list of substances of very high concern is regularly updated and published by ECHA. If applicable, the information on the substance/s from the candidate list, contained in our product in reportable amounts, is included in section 3 of the product related Safety Data Sheet (SDS).

2.8 Country of Origin

TEGO® Care 450 MB is manufactured in: Germany

3. Animal Testing

We hereby confirm that we have never conducted any animal tests with our product TEGO® Care 450 MB nor that we have ordered such tests at third parties or third parties have conducted such tests with our knowledge and acceptance to fulfil the requirements of Cosmetic Regulation (EC) No. 1223/2009.

Therefore TEGO® Care 450 MB is in full compliance with Cosmetic Regulation (EC) No. 1223/2009.

4. Microbiological status

Total Viable Count	max. 100 cfu/g
Pathogens*	absent/g

*Pathogens are: Enterobacteria, Pseudomonas, Enterococci, Candida albicans, Staphylococci

5. Shelf life / storage conditions

720 days after production (unopened original packaging)

6. Regulatory Status

6.1 HS-Code	382499
EU-CN-Code	38249993

6.2 Regulatory status (chemical regulations)

Europe

Components: INCI Name/Chemical name/s		REACH status	CAS No.	EINECS / EC No.
Polyglyceryl-3 Methylglucose Distearate*	Stearic acid, esters with methyl α -D-glucoside	Reg.-No. 01-2119969646-19	not assigned	939-238-3
	1,2,3-propanetriol, homopolymer, octadecanoate	Exempt Polymer	9009-32-9	Polymer

Other Countries/Regions

Country			yes / no	Remark*
D-Glucopyranoside, methyl, octadecanoate (2:3) (if described by CAS No. 68936-95-8)				
Australia		AICS:	yes	
China		IECSC:	yes	
Canada		DSL: NDSL:	yes	
Taiwan		TCSI:	yes	
For 1,2,3-propanetriol, homopolymer, octadecanoate (CAS No. 9009-32-9)				
Australia		AICS:	yes	
China		IECSC:	yes	
Canada		DSL: NDSL:	no no	But CAS 9009-32-9 is on the revised In-Commerce list
Taiwan		TCSI:	yes	

*) : INCI name covers a mixture of two chemical substances

In the following countries the relevant authorities currently do not require pre-market approval for cosmetic raw materials:

Brazil, Japan, South Korea, Philippines, USA

6.2.1 Regulatory status (cosmetic regulation)

Country		yes / no	Remark
China	CFDA:	yes	IECIC no: 03830
Japan	JSQI:	yes	JSQI specification is available on request (Besshi)
	JCIA:	yes	
			JCIA no: 555065

7. Toxicology and Ecotoxicology

Refer to our document: "Summary of Product Data with Reference to Toxicology and Ecology"

8. Packaging

600 kg (24 x 25 kg bag)