



Dermolife di Margonari Maria Franca
Via Don Emilio Perugini 14 - 38121 Vigo Meano TRENTO (IT)
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Mail : info@dermolife.it
Web : www.dermolife.it
P.I. 02202500225
C.F. MRGMFR66A69L378D

SPECIFICA TECNICA

Hydrophilic Emollients

Intended use

Hydrophilic emollient

Benefits at a glance

- Blend of sucrose esters with fatty acids from coconut oil
- Provides a pleasant re-fatting effect
- Increases foam density and creaminess
- Increases the viscosity in common surfactant combinations
- Vegetable source
- Preservative free
- PEG-free
- Conforms with the eco-label criteria for shampoos and body washes

INCI (PCPC name)

Sucrose Cocoate

Chemical and physical properties
(not part of specifications)

Form	paste
Color	light yellow

Properties

TEGOSOFT® LSE 65 K Soft is a blend of sucrose esters with fatty acid esters from coconut oil produced from natural, renewable sources: sucrose and vegetable fat. It is solvent-free, readily biodegradable (aerobic & anaerobic) and has low aquatic toxicity. It

conforms to eco-label criteria for shampoos and body washes.

TEGOSOFT® LSE 65 K Soft is a re-fatting agent designed for use in skin and hair cleansing formulations providing the following advantages:

- very mild to skin and eyes
- improves skin feel
 - during washing process
 - after feel (softness and smoothness)
- improves foam creaminess and stability
- thickening properties in common surfactant combinations
- suitable for clear products
- foam stabilizing

Improvement of foam quality and skin feel

Figure 1 shows the results of a sensory hand wash test in comparison to the market standard PEG-7 Glyceryl Cocoate.

TEGOSOFT® LSE 65 K Soft outperforms the market standard in the essential properties foam creaminess and skin feel.

I metodi di analisi non indicati sono metodi interni del produttore ottenibili su specifica richiesta

Le informazioni sopra riportate non Vi sollevano dall'obbligo di identificare il prodotto prima dell'impiego. DERMOLIFE non si assume alcuna responsabilità per danni a persone o cose derivanti dall'impiego dei prodotti da noi commercializzati

The analytical methods not listed are internal methods of the manufacturer obtainable upon specific request

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Product specification

Material TEGOSOFT LSE 65 K SOFT
Spec.Code K00 STANDARD

Evonik Nutrition & Care GmbH

Personal Care Business Line
Goldschmidtstrasse 100
45127 Essen
Phone: +49 (201) 173-2524
Fax: +49 (201) 173-1828
<http://www.evonik.com/personal-care>
personal-care@evonik.com

Inspection Characteristics	Method	Limits	Units	☒
Iodine value	GM_0050_04	<=5.00	g I/100g	X
pH-Value 5 %	GM_0132_01	6.5-7.5		X
Saponification Value	GM_0030_01	47.0-57.0	mg KOH/g	X
Water Content	GM_0080_01	33.00-37.00	%	X

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

before sampling, product has to be homogenize

Appearance @ -4°C - solid to pasty, not pourable

Appearance @ RT/25°C - inhomogeneous (possible two phases),

pasty to liquid, pourable

Appearance @ 40°C - inhomogeneous (possibly two phases),

liquid with waxy domains, free-flowing

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.

Material: TEGOSOFT LSE 65 K SOFT		Spec-Code: K00 STANDARD	Page 1 from 1
Print date: 07.09.2017	Valid from: 06.09.2017	Version: 7	

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Product data record

1. General information

1.1 Manufacturer / Supplier

Evonik Nutrition & Care GmbH
Personal Care Business Line
Goldschmidtstrasse 100
D-45127 Essen / Germany
Phone: +49 (201) 173-2524
Fax: +49 (201) 173-1828
personal-care@evonik.com
<http://www.evonik.com/personal-care>

1.2 Product Description

1.2.1 Raw material category Hydrophilic Emollient

1.2.2 Ingredients according to INCI

Sucrose Cocoate

1.2.3 Composition

Components	Source	Ratio
Sucrose Cocoate	vegetable	approx. 65 %
Water		approx. 35 %

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 Solvents, preservatives and other additives

	CAS No.	EINECS / EC No.	content	Function
Water	7732-18-5	231-791-2	approx. 35 %	solvent

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.

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2. Information on production process

General description of production process:
Esterification product

The product is not irradiated.

TEGOSOFT® LSE 65 K Soft is produced in the strictest absence of any animal derived material of any type.

Residual plant based source (dominant origin of main constituents): coconut oil, sugar beet, sugar cane

GMO-Status:

The item does not contain ingredients that might have been derived from GM sources. However max 0.9 % cross-contamination is possible. Any protein or DNA is not present. Consequently the product will be PCR negative when tested.

2.1 By products

		method
1,4-Dioxane	not applicable	
Residual solvents	not applicable	
Dichloroacetic acid	not applicable	Chromatography
Monochloroacetic acid	not applicable	Chromatography
Free amines	not applicable	
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides	
Nitrosamines	not applicable	
Total heavy metals	max. 20 ppm	AAS-ICP
As, Cd, Co, Cr, Hg, Ni, Pb, Sb	Each < 1 ppm	AAS-ICP
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	

2.2 CMR (Carcinogenic, Mutagenic or Reprotoxic)

The use in cosmetic products of substances classified as CMR substances, of category 1A or 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 shall be prohibited.

Further Information:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2009:342:0059:0209:en:PDF>

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,

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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	Starting material	max. concentration	method
Ethylene Oxide	no		
Propylene Oxide	no		
Octamethylcyclotetrasiloxane (D4)	no		
2-Ethylhexanoic Acid	no		
n-Hexane	no		
Methyl Chloride	no		
Dimethyl Sulphate	no		

2.3 "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 parfum or aroma.

The cosmetic raw materials and the cosmetic actives supplied by Evonik Personal Care are manufactured without the use of perfumes and fragrances. An analytical proof for the absence in traces of the substances to be mentioned in addition to the terms parfum or aroma is not performed in cosmetic raw materials, which are chemically produced.

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.

2.4 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.

3. Microbiological status

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

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

4. Shelf life / storage conditions

24 months after production (unopened original packaging)

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5. Regulatory Status

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5.1 Customs tariff number

5.2 Regulatory status (chemical regulations)

Europe

Components	REACH status	CAS No.	EINECS / EC No.
Sucrose Cocoate	Reg.-No. 01-2119956636-25	not assigned	938-754-6

Other countries

Country		yes / no	Remark
Australia	AICS:	yes	CAS No. 91031-88-8
China	IECSC:	yes	CAS No. 91031-88-8
Canada	DSL: NDSL:	yes	CAS No. 91031-88-8
Taiwan	TCSI:	yes	CAS No. 91031-88-8

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

Brazil, Japan, South Korea, Philippines, USA

5.2.1 Regulatory status (cosmetic regulation)

Country		yes / no	Remark
China	CFDA:	yes	
Japan	JSQI:	yes	JSQI No. 504399, but specifications not controlled

6. Toxicology and Ecotoxicology

Refer to summary of ecotoxicological and toxicological data

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