

TEGODEO® CW 90

Product data record

1. General information

1.1 Manufacturer / Supplier

Evonik Industries AG
Business Line Personal Care
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 Deodorant Agent / Odor Absorber

1.2.2 Ingredients according to INCI

Zinc Ricinoleate; Tetrahydroxypropyl Ethylenediamine; Laureth-3; Propylene Glycol

1.2.3 Composition

Components	Source	Ratio
Zinc Ricinoleate	vegetable	50 – 60 %
Tetrahydroxypropyl Ethylenediamine	synthetic	10 – 20 %
Laureth-3	vegetable	25 – 35 %
Propylene Glycol	synthetic	2 – 8 %

1.2.4 Solvents, preservatives and other additives

	CAS No.	EINECS / EC No.	content	Function
Propylene Glycol	57-55-6	200-338-0	in sum 0.03 %	antioxidants
BHT	128-37-0	204-881-4		
Ascorbyl Palmitate	137-66-6	205-305-4		
Glyceryl Stearate	31566-31-1	250-705-4		
Citric Acid	77-92-9	201-069-1		

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

General description of production process:
Mixture

The product is not irradiated.

TEGODEO® CW 90 is produced in the strictest absence of any animal derived material of any type.

Origin of starting material: castor oil, palm kernel oil

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	< 5 ppm	
Residual solvents	not applicable	
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides	
Free amines	not applicable	Chromatography
Nitrosamines	not applicable	
Dichloroacetic acid	not applicable	Chromatography
Monochloroacetic acid	not applicable	Chromatography
Heavy metals (Cu; Pb; Pt; Pd; Hg; As; Cd; Ni)	max. 20 ppm	AAS-ICP
Hg; As; Cd; Ni respective	< 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, 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	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 IIIa of Commission Directive 2007/68/EC.

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)

5. Regulatory Status

5.1 Customs tariff number 29181998

5.2 Regulatory status (chemical regulations)

Europe

Components	REACH status	CAS No.	EINECS / EC No.
Zinc Ricinoleate	Reg. No. 01-2119956639-19	13040-19-2	235-911-4
Tetrahydroxypropyl Ethylenediamine	Reg. No. 01-2119552434-41	102-60-3	203-041-4
Laureth-3	Polymer	3055-94-5	
Propylene Glycol	Reg. No. 01-2119456809-23	57-55-6	200-338-0

Other countries

Country		yes / no	Remark
Zinc Ricinoleate			
Australia	AICS:	yes	
China	IECSC:	yes	
Canada	DSL: NDSL:	yes	
Tetrahydroxypropyl Ethylenediamine			
Australia	AICS:	yes	
China	IECSC:	yes	
Canada	DSL: NDSL:	yes	
Laureth-3			
Australia	AICS:	yes	
China	IECSC:	yes	
Canada	DSL: NDSL:	yes	
Propylene Glycol			
Australia	AICS:	yes	
China	IECSC:	yes	
Canada	DSL: NDSL:	yes	

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
Zinc Ricinoleate			
China	CFDA:	yes	
Japan	JSQI:		Besshi Skin Cream up to 5% Hair Shampoo up to 10%
Tetrahydroxypropyl Ethylenediamine			
China	CFDA:	yes	
Japan	JSQI:	no	
Laureth-3			
China	CFDA:	yes	
Japan	JSQI:	yes	JSQI No. 105370, but specifications not controlled
Propylene Glycol			
China	CFDA:	yes	
Japan	JSQI:	yes	JSQI No. 002328, but specifications not controlled

6. Toxicology and Ecotoxicology

Refer to summary of ecotoxicological and toxicological data