

# TEGO® Sulfosuccinate DO 75

## 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](mailto:personal-care@evonik.com)  
<http://www.evonik.com/personal-care>

#### 1.2 Product Description

1.2.1 Raw material category                      anionic surfactant

#### 1.2.2 Ingredients according to INCI

Diethylhexyl Sodium Sulfosuccinate

#### 1.2.3 Composition

Components	Source	Ratio
Diethylhexyl Sodium Sulfosuccinate	synthetic	approx. 75 %
Propylene Glycol	synthetic	approx. 10 %
Water		approx. 15 %

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./ REACH Reg. No.	EINECS / EC No.	content	Function
Water	7732-18-5 exempt	231-791-2	approx. 15 %	solvent
Propylene Glycol	57-55-6 01-2119456809-23	200-338-0	approx. 10 %	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.

## 2. Information on production process

General description of production process:

2-Ethylhexanol is reacted with maleic acid anhydride to give the corresponding ester, which is then transformed into the sulfosuccinate in aqueous sodium sulfite solution.

The product is not irradiated.

TEGO® Sulfosuccinate DO 75 is produced in the strictest absence of any animal derived material of any type.

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
Residual solvents	not applicable	
Free amines	not applicable	Chromatography
Nitrosamines	not applicable	
Monochloroacetic acid	not applicable	Chromatography
Dichloroacetic acid	not applicable	Chromatography
1,4-Dioxane	not applicable	
Sulphur Dioxide	max. 100 ppm	Iodometry
Unulfonated matter	approx. 1 %	
Trisodium Sulfosuccinate	approx. 1 %	
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides	
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	Propylene glycol	

### 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 34029010

#### 5.2 Regulatory status (chemical regulations)

Europe

Components	REACH status	CAS No.	EINECS / EC No.
Diethylhexyl Sodium Sulfosuccinate	Reg. No. 01-2119491296-29	577-11-7	209-406-4

Other countries

Country		yes / no	Remark
Diethylhexyl Sodium Sulfosuccinate			
Australia	AICS:	yes	
China	IECSC:	yes	
Canada	DSL: NDSL:	yes	
Taiwan	TCSI:	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
Diethylhexyl Sodium Sulfosuccinate			
China	CFDA:	yes	
Japan	JSQI:	yes	JSQI No. 540051, but specifications not controlled

#### 6. Toxicology and Ecotoxicology

Refer to summary of ecotoxicological and toxicological data