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P.I. 02202500225  
C.F. MRGMFR66A69L378D

#### Produktspezifikation

##### **ABIL B 8839**

Stoff-Nr: 300057  
Spez-Code: S00: STANDARD  
Version: 5  
Version vom: 25.06.1997  
Druckdatum: 12.03.2010

| Prüfmerkmal | Methode    | Grenzwerte | Einheit |   |
|-------------|------------|------------|---------|---|
| Aussehen    | GM_0170_00 | OK         |         | X |
| Gehalt D5   | GM_2031_01 | >=95       | %       | X |

|          |      |
|----------|------|
| Aussehen | klar |
|----------|------|

Angabe auf Prüfbescheinigung:

X = Angabe im Analysenzertifikat, tatsächlich gemessener Wert

C = Konformität (nichtspezifische Prüfung)

Dieser Ausdruck ist ohne Unterschrift gültig.

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

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## ABIL® B 8839

### Product data record (PDR)

#### 1. General information

##### 1.1 Supplier

##### 1.2 Product Description

##### 1.2.1 Raw material category Liquid Lipophilic Emollient

##### 1.2.2 Ingredients according to INCI

Cyclopentasiloxane

##### 1.2.3 Composition

| Components         | Source    | Ratio   |
|--------------------|-----------|---------|
| Cyclopentasiloxane | synthetic | > 95 %  |
| Cyclohexasiloxane  | synthetic | 1 - 5 % |

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 |
|--------------|---------|-----------------|---------|----------|
| 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.

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## 2. Information on production process

General description of production process:  
Hydrolysis of chlorsilanes

The product is not irradiated.

ABIL® B 8839 is produced in the strictest absence of any animal derived material of any type.

### 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                                                                             |                |
| 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                            | < 3 % according to SR (Swiss Right)<br>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.

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| CMR substance                     | Starting material | max. concentration | method |
|-----------------------------------|-------------------|--------------------|--------|
| Ethylene Oxide                    | no                |                    |        |
| Propylene Oxide                   | no                |                    |        |
| Octamethylcyclotetrasiloxane (D4) | no                | 0.1 %              |        |
| 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 perfume 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 perfume 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

1080 days after production (unopened original packaging)

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## 5. Regulatory Status

5.1 HS-Code 293190  
EU-CN-Code 29319000

### 5.2 Regulatory status (chemical regulations)

#### Europe

| Components         | REACH status                | CAS No.  | EINECS / EC No. |
|--------------------|-----------------------------|----------|-----------------|
| Cyclopentasiloxane | Reg No.<br>01-2119511367-43 | 541-02-6 | 208-764-9       |

#### Other countries

| Country                   |               | yes / no | Remark |
|---------------------------|---------------|----------|--------|
| <b>Cyclopentasiloxane</b> |               |          |        |
| Australia                 | AICS:         | yes      |        |
| China                     | IECSC:        | yes      |        |
| Canada                    | DSL:<br>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                                        |
|---------------------------|-------|----------|-----------------------------------------------|
| <b>Cyclopentasiloxane</b> |       |          |                                               |
| China                     | CFDA: | yes      |                                               |
| Japan                     | JSQI: | yes      | No. 520778, but specifications not controlled |

## 6. Toxicology and Ecotoxicology

Refer to summary of ecotoxicological and toxicological data

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