\*\*\*Allgemeine Daten \*\*\*

1. **GENERAL DATA**

|  |  |
| --- | --- |
| Real substance name:  | Coconut Oil, cold pressed, organic |

|  |  |
| --- | --- |
| INCI:  | Cocos Nucifera (Coconut) Oil |

|  |  |
| --- | --- |
| Optiva Raw Material Number: | R019929 |

|  |  |
| --- | --- |
| Conforms to:  |  |

|  |  |
| --- | --- |
| Purpose of use:  | Care agent  |

|  |  |
| --- | --- |
| Origin: | vegetable  |

|  |  |
| --- | --- |
| Approved by:  | Hentrich, D. Tel.: +49(0)40 8824 2437 |

|  |  |
| --- | --- |
|   | Bankers, J. Tel.: +1-475-299-8044 |

|  |  |
| --- | --- |
| CITES listed:  |  |

\*\*\*Zugeordnete Materialien \*\*\*

1. **LINKED MATERIALS**

| **IDH-no.**  | **Material short text**  |
| --- | --- |
| 2276053 | Coconut Oil, cold pressed, organic |

\*\*\*Zusammensetzung \*\*\*

1. **COMPOSITION**

| **CAS no.**  | **Chemical substance**  | **Value** | **Lower** | **Upper** | **Exp** |
| --- | --- | --- | --- | --- | --- |
| 8001-31-8  | Coconut oil  | 100,00  |  |  | %  |

\*\*\* Eigenschaften \*\*\*

1. **SPECIFIED CHARACTERISTICS**

\*\*\*Allgemeine Eigenschaften \*\*\*

1. **General characteristics**

|  |  |
| --- | --- |
| Delivery form: | paste  |
| State: | greasy, oily, soft, opaque  |
| Odour: | characteristic, coconut  |
| Colour: | light yellow  |

\*\*\* **-RM-**Tabelle1 (SPEC\_UK/REG\_WRLD)\*\*\*

\*\*\*Physikalisch -Chemische Eigenschaften \*\*\*

\*\*\*ACHTUNG: hier in dieser Tabelle nur Freitext RM \*\*\*

1. **Physical-chemical characteristics**

| **No** | **Parameter** | **Range of values** | **Method** |
| --- | --- | --- | --- |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Content [mass%]Caproic acid (C6) | <= 1,0 % | Supplier method |
|  | Content [mass%]Caprylic acid (C8:0) | 5,0 - 10,0 % | Supplier method |
|  | Content [mass%]Capric acid (C10:0) | 4,5 - 10,0 % | Supplier method |
|  | Content [mass%]Lauric acid (C12:0) | 44,0 - 52,0 % | Supplier method |
|  | Content [mass%]Myristic acid (C14:0) | 17,0 - 23,0 % | Supplier method |
|  | Content [mass%]Palmitic acid (C16:0) | 6,5 - 11,0 % | Supplier method |
|  | Content [mass%]Stearic acid (C18:0) | 2,0 - 4,0 % | Supplier method |
|  | Content [mass%]Oleic acid (C18:1) | 3,5 - 9,0 % | Supplier method |
|  | Content [mass%]Linoleic acid (C18:2) | 0,5 - 3,0 % | Supplier method |
|  | Content [mass%]Heavy metals | <= 20 ppm | Supplier method |
|  | Content [mass%]Benzo-a-pyrene | < 2 ppb | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Acid number | <= 0,6 mg KOH/g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Saponification number | 248 - 265 mg KOH/g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Iodine number  | 5 - 11 g I/100 g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Melting point  | 20 - 28 °C | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Solubility (qualitative)(Solvent: Water) | Insoluble  | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Refractive index(40 °C) | 1,448 - 1,452 | Supplier method |

\*\*\* Methoden-Tabelle1\*\*\* gelöscht RP 20150807

\*\*\* Analysenzertifikat zu Pkt IV \*\*\*

1. **Certificate of analysis**

|  |
| --- |
| **The following parameters are to be certified for each delivery.:** |
| Refraction index  |
| Acid number  |
| Iodine number  |
| Saponification value  |
| Melting point/range  |