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

1. **GENERAL DATA**

|  |  |
| --- | --- |
| Real substance name: | Jojoba oil gold-coloured DAC |

|  |  |
| --- | --- |
| INCI: | Simmondsia Chinensis (Jojoba) Seed Oil |

|  |  |
| --- | --- |
| Optiva Raw Material Number: | R001452 |

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

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

|  |  |
| --- | --- |
| Origin: | vegetable, vegan (fulfills criteria of Vegan Society) |

|  |  |
| --- | --- |
| Approved by: | Petersohn, D. Tel.: +49(0)2117978491 |

|  |  |
| --- | --- |
|  | Lester, A. Tel.: +1-480-754-6222 |

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

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

1. **LINKED MATERIALS**

| **IDH-no.** | **Material short text** |
| --- | --- |
| 85824 | Jojoba oil pure grade |

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

1. **COMPOSITION**

| **CAS no.** | **Chemical substance** | **Value** | **Lower** | **Upper** | **Exp** |
| --- | --- | --- | --- | --- | --- |
| 61789-91-1 | Jojoba oil | 100,00 |  |  | % |

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

1. **SPECIFIED CHARACTERISTICS**

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

1. **General characteristics**

|  |  |
| --- | --- |
| Delivery form: | oil |
| State: | clear |
| Odour: | slightly |
| Colour: | 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%]  Palmitic acid (C16:0) | < 3,0 % | Supplier method |
|  | Content [mass%]  Palmitoleic acid (C16:1)  C16:1 Palmitoleic acid | < 1,0 % | Supplier method |
|  | Content [mass%]  Oleic acid (C18:1)  C18:1 unsat Oleic Acid | 5 - 15 % | Supplier method |
|  | Content [mass%]  Arachidic acid (C20:0) | 65 - 80 % | Supplier method |
|  | Content [mass%]  Behenic acid (C22:0)  C22:0 Behenic acid | < 1,0 % | Supplier method |
|  | Content [mass%]  Fatty acid  C22:1 Erucic acid | 10 - 22 % | Supplier method |
|  | Content [mass%]  Fatty acid  C24:1 Nervonic acid | < 3,0 % | Supplier method |
|  | Content [mass%]  Fatty acid  Others | < 3,0 % | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Unsaponifiable substances | 45 - 56 % | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Acid number | < 2 mg KOH/g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Saponification number | 88 - 98 mg KOH/g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Iodine number | 78 - 90 g I/100 g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Peroxide value | < 8 meq O2/kg | Supplier method |

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

|  |  |  |  |
| --- | --- | --- | --- |
|  | Density  20 °C / 25 °C | 0,863 - 0,873 g/cm3 | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Refractive index  (20 °C) | 1,465 - 1,467 | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Microorganism content/ microbiological load  (Total microorganism count) | < 1.000 CFU/g | Supplier method |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Color value  (type: Gardner) | < 9 | 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 |
| Density |
| Acid number |
| Saponification value |
| Iodine number |

\*\*\*Freigegebene Hersteller/Lieferanten \*\*\*