

## TECHNICAL DATA SHEET

Effective date: 08.2022

### Natural Vitamin E

#### INFORMATION ON SUBSTANCE / MIXTURE

|                     |  |
|---------------------|--|
| INCI                | Tocopherol, Helianthus annuus seed oil   |
| Composition         | Blend of Natural Tocopherols --- min. 50%<br>Standardised in organic sunflower oil                             |
| General description | Natural mixed Tocopherol concentrate from sunflower oil, antioxidant system<br>suitable for cosmetic purposes. |

#### TECHNICAL DATA

##### Physical parameters

|                          |   |
|--------------------------|---|
| Appearance               | Viscous liquid                                |
| Color                    | Yellow brown                                  |
| Odor                     | Characteristic                                |
| Solubility               | Insoluble in water. Soluble in fats and oils. |
| Relative density at 25°C | 0,95 - 1,00 g/cm <sup>3</sup>                 |
| Refractive index         | 1.488 – 1.500                                 |

##### Biological parameters

|                   |              |
|-------------------|--------------|
| Total plate count | ≤ 1000 cfu/g |
| Yeast and molds   | ≤ 25 cfu/g   |
| Escherichia coli  | nd           |

##### Contaminants

|              |  |
|--------------|--|
| Heavy metals | Not considered as prone to contain heavy metals.                     |
| Lead (Pb)    | < 0.05 mg/kg   |
| Arsenic (As) | < 0.02 mg/kg   |
| Cadmium (Cd) | < 0.02 mg/kg   |
| Mercury (Hg) | < 0.005 mg/kg  |
| Pesticides   | No atypically high levels of pesticides expected, based on available |

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|  | information on surveillance testing of the ingredients, and also on the organic status of the sunflower oil. |
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#### LEGISLATION

|  |   |
|--|---|
| Certifications                         | COSMOS and NATRUE certified at manufacturer   |
| Halal Status                           | HALAL certified   |
| Kosher Status                          | KOSHER certified  |
| Irradiation status                     | Product and its ingredients have not been subjected to irradiation treatment.   |
| CMR substances                         | None of the ingredients in this product is classified as CMR according to Regulation (EC) 1272/2008. Legislative status of this product is not concerned by CMRs.   |
| Cosmeyic Allergens                     | None  |
| Nanomaterials                          | Product is a liquid, it is not a nanomaterial in accordance with the definition in Regulation (EC) 1223/2009. Considering the fact it is a liquid, particle size considerations are not applicable to this product.   |
| Statement on animal testing            | The manufacturer has not performed nor commissioned any animal test on above product (or its ingredients).  |
| Suitability for vegans                 | Considering the non-animal testing status, and the absence of any animal-derived material, the product is considered suitable for vegans.   |
| Substances of Very High Concern (SVHC) | No ingredients are intentionally present appearing (at time of writing) on Annex XIV or on the Candidate List of Substances of Very High Concern for Authorisation in the framework of REACH (Regulation (EC) No 1907/2006). Furthermore, considering the nature of this product and the manufacturing process, the presence of an impurity appearing on the aforementioned Annex XIV or Candidate List is not expected in a concentration of 0.1 % or greater. |
| REACH registration / exemption status  | Tocopherol: REACH-registered. Registration number: 01-2120087841-49-XXXX<br>Helianthus Annuus Seed Oil: Exempted from registration. It is listed in Annex V, heading 9.   |
| GMO                                    | Not derived from genetically modified organisms. Non-GMO Identity Preserved certified.  |
| BSE/TSE                                | Animal origin is not involved, BSE / TSE is not applicable to this product.   |
| CAS                                    | 1406-66-2 / 8001-21-6   |

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#### TRANSPORT, STORAGE and SHELF LIFE

|                    |   |
|--------------------|---|
| Storage conditions | We recommend storing the product in tightly closed containers under room temperature conditions away from oxygen, heat and light. Once opened, use immediately. The product could crystallize at room temperature. A warming and homogenization before use could be necessary (around 60°C for 5 minutes). Due the natural origin of the product, and depending on the batch and the harvest campaign, changes in color and odor may be observed. |
| Shelf Life         | 36 months under good storage conditions.  |

#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.