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Safety Data Sheet

Organic Vanilla Extract in Organic Sunflower Oil

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

| | | | | | |
|--|---------------|---|---------------|------------|---------------|
| 1.1 Product Identifier | | | | | |
| Product Name | | Vanilla Extract In Sunflower Oil Organic | | | |
| Biological Definition | | A concentrated 1 in 10 extract in Sunflower (Helianthus Annuus Seed Oil) of organic vanilla bean, obtained from the fruit of vanilla, <i>Vanilla Planifolia</i> . | | | |
| INCI Name | | Helianthus Annuus Seed Oil & Vanilla Planifolia Fruit Extract & Tocopherol | | | |
| Synonyms & Trade Names | | - | | | |
| CAS-No | Not available | EC No. | Not available | EINECS No. | Not available |
| 1.2 Relative identified uses of the substance or mixture and uses advised against | | | | | |
| Component of; Food, Animal Food, Cosmetic products, Pharmaceutical products and Technical applications. | | | | | |
| 1.3 Details of the supplier of the safety data sheet | | | | | |
| NHR Organic Oils, 24 Chatham Place, Brighton, BN1 3TN, UK Email – info@nhrorganicoils.com | | | | | |
| 1.4 Emergency Tel. No. | | + 44 (0) 1273 746505 | | | |

02. HAZARDS IDENTIFICATION

| | |
|---|-----------------------------------|
| 2.1 Classification of the substance or mixture | |
| Not classed as a hazardous substance. | |
| Classification (EC 1272/2008) | |
| Not classed as a hazardous substance. | |
| 2.2 Label Elements | |
| Label in accordance with (EC) No 1272/2008 | |
| None. | |
| Signal Word | None. |
| Contains | Contains no hazardous substances. |
| Hazard Statements | |
| None. | |
| Precautionary Statements | |
| None. | |
| Supplementary Precautionary Statements | |
| None | |
| 2.3 Other Hazards | |
| PBT or vPvB according to Annex XIII | No additional data available. |
| Adverse physio-chemical properties | No additional data available. |
| Adverse effects on human health | No additional data available. |

03. COMPOSITION/INFORMATION ON INGREDIENTS

| 3.2 Mixtures | | |
|--|--------------------------------|------------------------------|
| <90.0% Helianthus Annuus Seed Oil | Cas No: 8001-21-6 | Not classified as hazardous. |
| >10.0% Vanilla Planifolia Fruit Extract | Cas No: 8024-06-4 / 84650-63-5 | Not classified as hazardous. |
| 0.2% Tocopherol | Cas No: 54-28-4 | Not classified as hazardous. |

04. FIRST AID MEASURES

| 4.1 Description of first aid measures | |
|---|--|
| Inhalation | None. |
| Ingestion | None. |
| Skin Contact | Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues. |
| Eye Contact | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse. |
| 4.2 Most important symptoms and effects, both acute and delayed | |
| No symptoms known. | |
| 4.3 Indication of any immediate medical attention and special treatment needed | |
| None. | |

05. FIRE-FIGHTING MEASURES

| 5.1 Extinguishing Media | |
|---|--|
| Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder. Foam. Unsuitable extinguishing media: Full water jet. | |
| 5.2 Special hazards arising from the product | |
| This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container. Dangerous combustion residues: smoke, carbon monoxide, carbon dioxide. | |
| 5.3 Advice for firefighters | |
| In case of fire; Use respirator. | |

06. ACCIDENTAL RELEASE MEASURES

| 6.1 Personal precautions, protective equipment and emergency procedures | |
|--|--|
| Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact. | |
| 6.2 Environmental Precautions | |
| Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines. | |
| 6.3 Methods and material for containment and cleaning up. | |
| Cover with an inert, inorganic, non-combustible absorbent material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations. If Spillage on water occurs; Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation. | |

6.4 Reference to other sections

None.

07. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

7.2 Conditions for safe storage, including any incompatibilities

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

None.

8.2 Exposure controls

Protective Equipment

No special measures required.

Process Conditions

No special measures required.

Engineering Measures

No special measures required.

Respiratory Equipment

No special measures required.

Hand Protection

No special measures required.

Eye Protection

No special measures required.

Other Protection

No special measures required.

Hygiene Measures

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal Protection

Use personal protection according to Directive 89/686/EEC.

Skin Protection

No special measures required.

Environmental Exposure Controls

Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance

Clear, light yellow liquid

Colour

Light yellow

Odour

Characteristic

Relative Density

Approx. 0.920 @ 20°C

Flash Point (°C)

>200

Refractive Index

Approx. 1.475 @ 20°C

Melting Point (°C)

No additional data available.

Boiling Point (°C)

>350

Vapour Pressure

No additional data available.

Solubility in Water @20°C

Insoluble in water. Soluble in oil and ethanol.

Auto-ignition temperature (°C)

No additional data available.

9.2 Other information

No additional data available.

10. STABILITY AND REACTIVITY**10.1 Reactivity**

Oxidation with atmospheric oxygen. Formation of free fatty acids.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possible hazardous reactions

Reacts with oxidants.

10.4 Conditions to Avoid

Avoid heat, flames, sunlight and other sources of ignition.

10.5 Incompatible materials

Avoid contact with strong oxidising agents.

10.6 Hazardous Decomposition Products

Product does not decompose at proper handling.

11. TOXOLOGICAL INFORMATION**11.1 Information on toxicological effects**

| | |
|-----------------------------------|---|
| Acute Toxicity | In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined LD50 dermal: not determined LC50: not determined Inhalation: There is no expected negative impact. Ingestion: There is no expected negative impact. Skin contact: There is no expected negative impact. Eye contact: There is no expected negative impact. |
| Skin corrosion / irritation | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| Serious eye damage / irritation | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| Respiratory or skin sensitisation | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| Germ Cell Mutagenicity | No additional data available. |
| Carcinogenicity | No expected negative impact. |
| Reproductive toxicity | No expected negative impact. |
| STOT-single exposure | No additional data available. |
| STOT-repeated exposure | No additional data available. |
| Aspiration hazard | No additional data available. |
| Photo-toxicity | No additional data available. |
| Other Information | No additional data available. |

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No additional data available.

12.2 Persistence & degradability

| |
|---|
| Biodegradable. |
| 12.3 Bioaccumulation Potential |
| Possible. |
| 12.4 Mobility in soil |
| No additional data available. |
| 12.5 Results of PBT and vPvB Assessment |
| No additional data available |
| 12.6 Other adverse effects |
| Do not allow product to enter streams, sewers or other waterways. |

13. DISPOSAL CONSIDERATIONS

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|--|
| 13.1 Waste treatment methods |
| Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters. |

14. TRANSPORT INFORMATION

| | |
|---|-------------------------------------|
| 14.1 UN number | |
| UN No. Road | Not bound by transport regulations. |
| UN No. SEA | Not bound by transport regulations. |
| UN No. AIR | Not bound by transport regulations. |
| 14.2 UN proper shipping name | |
| Not applicable. | |
| 14.3 Transport hazard class(es) | |
| Not applicable. | |
| 14.4 Packing group | |
| No additional data available. | |
| 14.5 Environmental hazards | |
| No hazard label necessary – non hazardous product. | |
| 14.6 Special precautions for user | |
| See sections 6 – 8. | |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code | |
| Not defined. | |

15. REGULATORY INFORMATION

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|--|
| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture |
| An assessment has not been carried out. |
| 15.2 Chemical safety assessment |
| No additional information available. |

16. OTHER INFORMATION

| | |
|--|-------|
| Hazard and/or Precautionary Statements in Full | None. |
| Other Information | None. |

| | |
|----------------------------|---------------------------|
| Revision Date | 09/02/2018 |
| Reason for revision | Addition of composition % |
| Rev No/Repl, SDS Generated | 02 replaces 01 |

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