

## Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

### **O73630      Perilla Oil**

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Version: 2

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#### **1. Identification of the Substance/Mixture and of the Company/Undertaking**

##### **1. 1. Product Identifier**

*Product Name:* Perilla Oil

*Article No.:* O73630

*UFI:* --

##### **1. 2. Relevant identified Uses of the Substance or Mixture and Uses advised against**

*Identified uses:*  
Not available.

*Uses advised against:*

##### **1. 3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)**

*Company:* Interlabshop BV

*Address:* Lage Brink 23, 7317BD Apeldoorn, The Netherlands

*Tel./Fax.:* +3155 521 5016

*Internet:* www.labshop.nl

*E-Mail:* labshop@labshop.nl

*Importer:* --

##### **1. 4. Emergency No.**

*Emergency No.:* 112 / 088 755 8000 (Mon-Fri 24/7)

##### **1. 4. 2 Poison Center:**

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#### **2. Hazards Identification**

##### **2. 1. Classification of the Substance or Mixture**

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as  
hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

##### **2. 2. Label Elements**

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

##### **2. 3. Other Hazards**

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#### **3. Composition/Information on Ingredients**

**Substance**

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3.1.

3.2. Mixture

*Chemical Characterization:* Perilla Ocymoides seed oil. CAS No. 68132-21-8

*Information on Components / Hazardous Ingredients:*

*Additional information:*

## 4. First Aid Measures

4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*No special measures required.*

*After skin contact:*

*This product is in general not irritating to the skin.  
Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.*

*After ingestion:*

*No special measures required.  
If symptoms persist consult physician.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No further information available.*

## 5. Fire-Fighting Measures

5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, CO2, dry extinguishing powder.*

*Unsuitable extinguishing media:*

*Never apply a strong water jet.*

5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*In case of fire: formation of acrid fumes.*

5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device and full protective gear.*

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*Further information:*

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**6. Accidental Release Measures****6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:*

*Floor may be slippery; use care to avoid falling.  
Keep away from sources of ignition. No smoking.*

**6.2. Environmental Precautions***Environmental precautions:*

*Prevent contamination of soils, drains and surface water.  
Keep spills and cleaning runoff out of municipal sewers and open  
bodies of water.*

**6.3. Methods and Material for Containment and Cleaning Up***Methods and material:*

*Contain with absorbent material (e.g. sand, acid binder, universal  
binder, sawdust) and collect in appropriate containers for disposal.*

**6.4. Reference to other Sections**

*See Section 13 for information on disposal.*

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**7. Handling and Storage****7.1. Precautions for Safe Handling***Instructions on safe handling:*

*Keep containers tightly closed.*

*Hygienic measures:***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.  
Protect against heat and direct sunlight.*

*Requirements for storage areas and  
containers:**Information on fire and explosion  
protection:*

*Self-ignition resp. auto-oxidation is possible.*

*Storage class:**Further Information:***7.3. Specific End Use(s)***Further information:*

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**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled**

*None known*

*Parameters to be controlled (DE):**Parameters to be controlled:**Derived No-Effect Level (DNEL):*

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*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Not required.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Rubber or plastic gloves.*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form:* *liquid*

*Color:* *bright yellow*

*Odor:* *neutral*

*Odor threshold:*  
*no information available*

*pH-Value:*  
*not available*

*Melting temperature:*

*Boiling temperature:* *> 250°C*

*Flash point:* *> 250°C*

*Evaporation rate:*  
*not applicable*

*Flammability (solid, gas):*  
*not available*

*Upper explosion limit:*  
*no information available*

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*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not determined*

*Vapor density:*

*No information available.*

*Density:*

*not available*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*no information available*

*Auto-ignition temperature:*

*> 300°C*

*Decomposition temperature:*

*No data available.*

*Viscosity, dynamic:*

*Explosive properties:*

*not available*

*Oxidizing properties:*

*no information available*

*Bulk density:*

#### 9. 2. Further Information

*Solubility in solvents:*

*soluble in oil and alcohol*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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#### 10. Stability and Reactivity

##### 10.1. Reactivity

*Stable at room temperature.*

##### 10.2. Chemical Stability

*Stable if used according to specifications.*

##### 10.3. Possibility of Hazardous Reactions

*Hazardous polymerisation will not occur.*

##### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Protect from heat and direct sunlight.*

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*Thermal decomposition:*

**10.5. Incompatible Materials**

*Strong oxidizing agents.*

**10.6. Hazardous Decomposition Products**

*In the event of fire: see part 5.*

**10.7. Further Information**

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**11. Toxicological Information**

**11. 1. Information on Toxicological Effects**

*Acute Toxicity*

*No toxicity expected.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No irritant effect known.*

*Ingestion:*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

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**12. Ecological Information**

**12. 1. Aquatic Toxicity**

*Fish toxicity:*

*No data available.*

*Daphnia toxicity:*

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*No information available.*

*Bacteria toxicity:*

*No data available.*

*Algae toxicity:*

*No information available.*

#### 12. 2. Persistency and Degradability

*Biodegradable.*

#### 12. 3. Bioaccumulation

*No information available.*

#### 12. 4. Mobility

*No information available.*

#### 12. 5. Results of PBT- und vPvP Assessment

*Not applicable.*

#### 12. 6. Other Adverse Effects

*Water hazard class:*

*Behaviour in sewage systems:*

*Further ecological effects:*

*No ecological data available.*

*AOX Value:*

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### 13. Disposal Considerations

#### 13. 1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Do not puncture, cut or weld uncleaned drums. Risk of explosion.*

*Waste Code No.:*

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### 14. Transport Information

#### 14. 1. UN Number

*ADR, IMDG, IATA*

#### 14. 2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

#### 14. 3. Transport Hazard Classes

*ADR Class:*

*not applicable*

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*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

#### 14. 4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

#### 14. 5. Environmental Hazards

*None*

#### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

#### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

#### 14. 8. Further Information

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### 15. Regulatory Information

#### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*1, slightly hazardous for water (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

#### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has not been carried out for this product.*

#### 15. 3. Further Information

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*