Material Safety Data Sheet
According to regulation (EC) No. 1907/2006 (REACH)

73630 Perilla Oil

Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Perilla Oil
Article No.: 73630

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: Kremer Pigmente GmbH & Co. KG
Address: Hauptstr. 41-47, 88317 Aichstetten, Germany
Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.de
EMail: info@kremer-pigmente.de
Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008

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

Classification according to EC Regulation No. 67/548 or No. 1999/45

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

Classification according to EC Regulation 1272/2008

No classification required according to the CLP/GHS guidelines.

Hazard designation: Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

Composition/Information on Ingredients
3. Substance

3.2. Mixture

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

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
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protective gear.

Further information:

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.

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 (VCI):
Further Information:

7.3. Specific End Use(s)

Further information:

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):

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

### 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:

#### 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.

Thermal decomposition:

10.5. Incompatible Materials

Strong oxidizing agents.

10.6. Hazardous Decomposition Products

In the event of fire: see chapter 5.

10.7. Further Information

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 data available.

Reproductive toxicity: No data available.

Cancerogenity: No data available.

Teratogenicity: No information available.

Specific target organ toxicity (STOT): No data available.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

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Fish toxicity: No data available.
Daphnia toxicity: 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:

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.:

14. Transport Information
14.1. UN Number
ADR, IMDG, IATA

14.2. UN Proper Shipping Name
ADR/RID:
No hazardous goods according to ADR (land transportation).

IMDG/IATA:
No hazardous goods according to IMDG.
14. 3. Transport Hazard Classes

ADR Class: not applicable

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

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

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

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

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 next page:
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.