

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product identifier

Product form	: Substance
Trade name	: Oat Oil
INCI name	: <i>Avena sativa</i> (Oat) Kernel Extract
EC no	: 281-672-4
CAS no.	: 84012-26-0
HS Code food grade	: 15.15.90.59
HS Code industrial grade/cosmetic	: 15.15.90.40
Formula: N/A	

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category	: Personal Care
Function or use category	: Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

PERA GmbH

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kontakt@pera-ingredients.de www.pera-ingredients.de

Identification of the supplier

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1.4. Emergency telephone number

CH: +41 44 251 6666; UK +44 870 600 6266; D+49 (0)551 192 40 (Giftnformationszentrum Nord)

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

Other hazards not contributing to the : This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

classification

SECTION 3: Composition / Information on Ingredients

3.1. Substances

Name	Product identifier	%	Classification according to Directive 67/548/EEC
INCI: Avena sativa (Oat) Kernel Extract (Main constituent)	CAS No. 84012-26-0 EC No 281-672-4	100	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
INCI: Avena sativa (Oat) Kernel Extract (Main constituent)	CAS No 84012-26-0 EC No 281-672-4	100	Not classified

Full text of R-, H- and EUH-phrases: see section 16.

3.2. Mixtures

Not applicable

SECTION 4: First Aid Measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Not hazardous.
First-aid measures after skin contact	: No first aid should be needed.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Not hazardous. Rinse mouth out with water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Contact with hot material may cause serious burns.
Symptoms/injuries after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/injuries after eye contact	: Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Rinse thoroughly with a lot of water for at least 15 minutes.
Symptoms/injuries after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media	: foam, carbon dioxide (CO ₂) and dry chemical powder.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No open fire, no smoking.
Reactivity	: Thermal decomposition generates toxic vapours.

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
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Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.
Other information : Avoid (reject) fire-fighting water to enter environment.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : To our knowledge the product does not present any particular risk under normal conditions of use.

6.1.1. For non-emergency personnel

Emergency procedures : Clear all other personnel from the area.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing.

Emergency procedures : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Cover with absorbent material (e.g. universal binding material/sand/siliceous earth). Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection".

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling : Caution : this product can cause the floor to be slippery. Do not eat, drink or smoke when using this product.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in tightly closed packings.

Storage temperature : 20-25 °C (If possible)

Prohibitions on mixed storage : Keep away from : oxidation agents.

Storage area : Store away from heat and avoid direct sunlight.

Packaging materials : Always keep in containers made of the same material as the supply container.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure Controls / Personal Protection

8.1. Control parameters

Additional information : No additional information available

8.2. Exposure controls

Personal protective equipment : Protective goggles



Hand protection : No specific measures are necessary.

Eye protection : In case of splash hazard:Tightly fitting safety goggles.

Skin and body protection : Not applicable.

Respiratory protection	: Not applicable.
Thermal hazard protection	: On heating: insulated gloves.
Consumer exposure controls	: Not applicable.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Oily
Colour	: Clear light yellow-green brown. May show some precipitated wax on prolonged storage or storage at low temperatures
Odour	: Characteristic oat odour
Odour threshold	: No data available
pH	: No applicable; the product comprises natural lipids, fatty acids and waxes , Not soluble in water.
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Solidification point	: Not applicable
Boiling point	: >250°C
Flash point	: Not applicable
Self ignition temperature	: >300°C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,85-0,95 g/cm ³
Solubility	: Organic solvents. Water: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: Not oxidizing
Explosive limits	: Not explosive

9.2. Other information

Additional information	: No supplementary information available
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SECTION 10: Stability and Reactivity

10.1. Reactivity

Stable under normal conditions of use

10.2. Chemical stability

Components of product will oxidize if left in contact with air or oxygene. This is not hazardous but will adverseley affect the product quality.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Heat, open flame, sparks, hot surfaces, ignition sources, elevated temperature. Do not leave in an open vessel or container, as this will cause oxidation and consequent loss of quality. Store in sealed container under inert atmosphere (carbon dioxide or nitrogen gas). Keep product >5°C.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). No hazardous decomposition expected as the product consists of natural fats, fatty acids and waxes.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity	: Not classified (No data available)
Skin corrosion/irritation	: Not classified (No data available)
Serious eye damage/irritation	: Not classified (No data available)
Respiratory or skin sensitisation	: Not classified (No data available)
Germ cell mutagenicity	: Not classified (No data available)
Carcinogenicity	: Not classified (No data available)
Reproductive toxicity	: Not classified (No data available)
Specific target organ toxicity (single exposure)	: Not classified (No data available)
Specific target organ toxicity (repeated exposure)	: Not classified (No data available)
Aspiration hazard	: Not classified (No data available)
Other information	: The toxicological properties and its effect pertaining directly to human health have not been thoroughly characterized. None of the components of the mixture are present at the concentration considered to be associated with a hazard.

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - general : None of the components in the mixture are known environmental hazards.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Bioaccumulative potential	No additional information available.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This material does not meet the PBT/vPvB-Criteria of REACH Annex XIII
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12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Ecology - waste materials	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

No dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No dangerous good in sense of transport regulations.

14.6. Special precautions for user

14.6.1. Overland transport

Not applicable

14.6.2. Transport by sea

Not applicable

14.6.3. Air transport

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No Annex XVII restrictions

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other Information

Sources of Key data : Product Specification Data Sheet.

Other information

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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.