

**SAFETY DATA SHEET****Oat Kernel Extract**

Commission Regulation (EU) No 2020/878 of 18 June 2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** Oat Kernel Extract  
**Synonyms; trade names** *Avena sativa* kernel extract

**CAS number** 84012-26-0

**EC number** 281-672-4

**REACH registration notes** The substances in this mixture are exempt under Annex V, paragraph 9, in accordance with Article 2 (7)(b) of Regulation (EC) No1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Our ingredients are obtained from natural sources and not chemically modified as described in Article 3, point 40, they do not meet the criteria for classification as dangerous according to Directive 67/548/EEC, they are not persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII, they are not identified in accordance with Article 59(1) at least two years previously as a substance giving rise to an equivalent level of concern as set out in Article 57(f).

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

**Identified uses** Cosmetic Preparations  
**Uses advised against** None identified.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Naturally Balmy Limited  
8 Benson Road  
Nuffield Industrial Estate  
Poole  
BH17 0GB  
sales@naturallybalmy.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** Use your local or national emergency contact number.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008, but a safety data sheet is being supplied as it contains useful information on safe handling.

**2.2. Label elements**

**EC number** 281-672-4

**2.3. Other hazards**

This substance is not classified as PBT or vPvB according to current EU criteria.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

<b>Product name</b>	Oat Kernel Extract
<b>CAS number</b>	84012-26-0
<b>EC number</b>	281-672-4
<b>Composition comments</b>	This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	No specific recommendations. The product is non-volatile.
<b>Ingestion</b>	Rinse mouth thoroughly with water. No adverse effects expected but get medical attention if any discomfort occurs.
<b>Skin contact</b>	Not a skin irritant but wash skin thoroughly with soap and water as a precaution.
<b>Eye contact</b>	Not an eye irritant but rinse eye with tap water for approximately 15 minutes, take care to remove contact lenses first.

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

<b>General information</b>	No specific symptoms known.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	In case of fire, toxic gases (CO, CO <sub>2</sub> , NO <sub>x</sub> ) may be formed.
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**5.3. Advice for firefighters**

**Protective actions during firefighting**

In case of fire and/or explosion do not breathe fumes

**Special protective equipment for firefighters**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Wear suitable personal protective equipment as described in section 8. Avoid contact with skin and eyes. Provide adequate ventilation and consult an expert. No special fabric for personal protective clothing required for emergency personnel.

**6.2. Environmental precautions****Environmental precautions**

Do not discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up****Methods for cleaning up**

Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

**6.4. Reference to other sections****Reference to other sections**

For personal protection, see Section 8. For waste disposal, see section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Usage precautions**

Avoid contact with eyes. In case of spills, beware of slipping floors and surfaces. Avoid releasing to the environment.

**Advice on general occupational hygiene**

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**7.2. Conditions for safe storage, including any incompatibilities****Storage precautions**

Store in tightly-closed original container in a dry, cool and well-ventilated place. Suitable containers: stainless steel, glass and suitable plastic material. May show some precipitated wax on prolonged storage at low temperatures.

**7.3. Specific end use(s)****Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Ingredient comments**

No exposure limits known for ingredients.

**8.2. Exposure controls****8.2.1 Protective equipment****Appropriate engineering controls**

Provide adequate ventilation.

<b>Eye/face protection</b>	Safety glasses or face shield.
<b>Skin/Hand protection</b>	It is recommended that oil and chemical-resistant, impervious gloves are worn.
<b>Clothing</b>	Wear protective clothing.
<b>Hygiene measures</b>	Do not eat, drink or smoke when using this product. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Keep away from food, drink and animal feeding stuffs. Promptly remove any clothing that becomes contaminated. Provide eyewash station.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.
<b>8.2.2 Thermal Hazards</b>	Not required under normal use.
<b>8.2.3 Environmental exposure controls</b>	Do not allow contact with soil, surface, or ground water. Comply with applicable local environmental protection legislation.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid. May show some precipitated wax on prolonged storage at low temperatures.
<b>Colour</b>	Brown/orange.
<b>Odour</b>	Mild natural odour.
<b>Odour threshold</b>	No information available.
<b>pH</b>	3.8 to 4.3 (concentrated solution)
<b>Melting point/freezing point</b>	No information available.
<b>Initial boiling point and range</b>	>100°C
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	Not relevant. The product is non-volatile.
<b>Upper/lower flammability or explosive limits</b>	Not relevant. The product is not flammable.
<b>Other flammability</b>	Less than 500ppm ethanol content.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	0.92g/ml.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	The product is viscous.
<b>Explosive properties</b>	Not relevant. Non-explosive.
<b>Oxidising properties</b>	Not relevant.

## 9.2. Other information

<b>Other information</b>	Test for sustained combustibility.  Tests proved not to support combustion at the temperatures of 60.5°C and 75°C BP at time of test 100.91kPa.  The sample showed no sign of igniting even when the test flame with directly over the sample for the required 15 seconds at any time (30 or 60 seconds heating time) or temperature (60.5 or 75°C)
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	The product is non-reactive under the recommended storage and handling conditions.
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### 10.2. Chemical stability

<b>Stability</b>	The product is stable under the prescribed storage conditions. 2 years stable in closed containers.
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### 10.3. Possibility of hazardous reactions

<b>Hazardous reactions</b>	No information available.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Do not leave the product in an open vessel or container. Store in sealed container.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidizing substances.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	The <i>avena sativa</i> kernel extract is an extract from oats which is a common food and there are no concerns about its toxicity.
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#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	No data available.
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	No data available.
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#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	No data available.
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#### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Not irritating to skin. Well-tolerated in a human repeat insult patch test (HRIPT) that was performed under dermatological control on a group of 52 volunteers.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	No data available.
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#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	No data available.
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#### Skin sensitisation

<b>Skin sensitisation</b>	Can be claimed as hypoallergenic. Produced no signs of cutaneous irritation no of skin sensitisation in human repeat insulin patch test.
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#### Germ cell mutagenicity

<b>Genotoxicity - in vitro</b>	No data available.
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**Genotoxicity - in vivo** No data available.

**Carcinogenicity**

**Carcinogenicity** No data available.

**Reproductive toxicity**

**Reproductive toxicity - fertility** No data available.

**Reproductive toxicity – development** No data available.

**Specific target organ toxicity – single exposure**

**STOT – single exposure** No data available.

**Specific target organ toxicity – repeated exposure**

**STOT – repeated exposure** No data available.

**Aspiration hazard**

**Aspiration hazard** No data available.

**11.2. Information on other hazards**

**General information** No specific health hazards known. This product does not have any endocrine disrupting properties.

**SECTION 12: Ecological Information****12.1. Toxicity**

**Toxicity** No known toxicity.

**12.2. Persistence and degradability**

**Biodegradability** Readily biodegradable (Result 101%) (OECD Test Guideline 310).

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Insoluble in water.

**12.4. Mobility in soil**

**Mobility** No data available.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances assessed to PBT or vPvB.

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any substances classified as endocrine disrupting.

**12.7. Other adverse effects**

**Other adverse effects**  
No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not discharge into drains or watercourses or onto the ground. Labels should not be removed from containers until they have been cleaned. Container disposal: Contaminated containers should not be treated as household waste. Containers should be cleaned using appropriate methods and then re-used or disposed of by landfill or incineration as appropriate.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

**UN Number** Not applicable.

**14.2. UN proper shipping name**

**UN proper shipping name** Not applicable.

**14.3. Transport hazard class(es)**

**Transport hazard class(es)** Not applicable.

**14.4. Packing group**

**Packing group** Not applicable.

**14.5. Environmental hazards**

**Environmental hazards** Not applicable.

**14.6. Special precautions for user**

**Special precautions** Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not relevant.

**SECTION 15: Regulatory Information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**UK legislation** Commission Regulation (EU) No 2015/830 of 28 May 2015. UK-REACH Regulations are contained in The REACH etc. (Amendment etc.) (EU Exit) Regulation 2020 of 17 December 2020, amending the REACH etc. (Amendment etc.) (EU Exit) Regulation 2019.

Oat Services Ltd holds a Downstream User Import Notification (DUIN) number of UK-20-8882673984-4-0000.

**15.2. Chemical safety assessment**

**Chemical safety assessment** No chemical safety assessment has been carried out.



**SECTION 16: Other information**

<b>Revision date</b>	13/12/2022
<b>Revision</b>	3
<b>Supersedes date</b>	03/11/2022

Information mentioned on this sheet are based on our present knowledge of the product concerned at the date mentioned without any legal liability. This document is intended as a guide to the appropriate precautionary handling, storage, usage, transport, and disposal of the material by a properly trained person using this product. This information relates only to the specific material designated. If the product is mixed with other ingredients or is part in any kind of production process the data mentioned in this SDS if not explicitly mentioned in it are not transferable on the produced material.