

**SAFETY DATA SHEET**

Oat Lipid E

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 Lipid E
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**

TKB Trading
939 E 11th St Oakland, CA 94606

www.tkbtrading.com
support@tkbtrading.com

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**

Product Name	Oat Lipid E
CAS number	84012-26-0
EC number	281-672-4
Composition comments	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**

Inhalation	Not relevant. Oat Lipid e is non-volatile.
Ingestion	Rinse mouth thoroughly with water. No adverse effects expected but get medical attention if any discomfort occurs.

Skin contact Oat Lipid E is not a skin irritant but wash skin thoroughly with soap and water as a precaution. Not an eye irritant, but rinse eye with tap water for approximately 15 minutes, take care to remove contact lenses first.

Eye contact

4.2 Most important symptoms and effects, both acute and delayed

General information No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder, or water fog.

Unsuitable extinguishing media Do not use water as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

5.3 Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

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 Keep in ambient conditions in a tightly closed, original container in a dry and cool place away from water and direct sunlight. May become cloudy at low temperatures. Will become clearer if gently heating to 45°C. Settlement can occur. Shake/stir well before use. Suitable containers: stainless steel, glass, suitable plastic material, aluminium

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 Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Safety glasses or face shield.

Skin/Hand protection

It is recommended that oil and chemical-resistant, impervious gloves are worn.

Clothing

Wear protective clothing.

Hygiene measures

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.

Respiratory protection

Respiratory protection not required. The product is non-volatile.

8.2.2 Thermal Hazards

Not required under normal use.

8.2.3 Environmental exposure controls

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

Appearance	Clear liquid. May show some precipitated wax on prolonged storage or storage at low temperatures.
Colour	Yellow/brown liquid.
Odour	Mild natural Oat.
Odour threshold	No information available.
pH	No information available.
Melting point/freezing point	No information available.
Initial boiling point and range	>100°C.
Flash point	>180°C.
Evaporation rate	Not relevant. The product is non-volatile.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit. The product is not flammable.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	0.92 @ 20°C.
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	The product is a free-flowing oil but may become more viscous on storage due to precipitated waxes.
Explosive properties	Not explosive in normal use, may be explosive in confined spaces.
Oxidising properties	Not relevant.
<u>9.1 Other information</u>	
Other information	No information required.

SECTION 10: Stability and reactivity

10.1 Reactivity

Reactivity The product is non-reactive under the recommended storage and handling conditions.

10.2 Chemical stability

Stability The product is stable under the prescribed storage conditions. 2 years stable in closed containers.

10.3 Possibility of hazardous reactions

Hazardous reactions No information available.

10.4 Conditions to avoid

Conditions to avoid Do not leave the product in an open vessel or container. Store in sealed container.

10.5 Incompatible materials

Materials to avoid Strong oxidizing substances.

10.6 Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects The *Avena sativa* kernel oil is a oil from the kernel of the oat which is a common food and there are no concerns about its toxicity.

Acute toxicity - oral

Notes (oral LD₅₀) No data available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No data available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No data available.

Skin corrosion/irritation

Skin corrosion/irritation 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.

Serious eye damage/irritation

Serious eye damage/irritation No data available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation Can be claimed as hypoallergenic. Produced no signs of cutaneous irritation no of skin sensitisation in human repeat insulin patch test.

Germ cell mutagenicity

Genotoxicity - in vitro No data available.

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 96%) (OECD Test Guideline 310).

12.3 Bioaccumulative potencial

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No data available.

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 73/78 and the IBC Code

Transport in bulk according to Not relevant.

Annex II of MARPOL 73/78

and the IBC Code

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

Revision date 08/08/2024

Revision 17

Supersedes date 04/10/2023

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.