SAFETY DATA SHEET

according to regulation (EC) 1907/2006
according to regulation (EU) 2020/878

6610 Wheatgerm Oil

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

Product form:	Substance (UVCB – substance with unknown or variable composition)
Trade Name:	Wheatgerm Oil
Botanical Name:	Triticum vulgare
INCI:	Triticum vulgare Germ Oil
CAS TSCA-No:	68917-73-7
CAS-No:	84012-44-2
EINECS-No:	281-689-7

1.2 Relevant identified uses of the substance and uses advised against

1.2.1 Substance use:	Skin care / cosmetic use
1.2.2 Uses advised against:	No additional information available

1.3 Details of the supplier of the safety data sheet

Supplier name:	AYUS GmbH
Address:	Am Dreschschopf 1, 77815 Bühl, Deutschland
Phone:	+49 7227 600 99-0
Fax:	+49 7227 600 99-99
E-mail:	info@ayus.team

1.4 Emergency telephone number

Poison emergency number: +49 89-19240

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance according to regulation (EG) 1272/2008 (CLP)

Not applicable.

2.2 Label elements, hazard pictograms and signal words

Not applicable.

2.3 Other Hazards

Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Identification: (100% natural vegetable oil)Triticum vulgare

Hazardous constituent: None.

Fatty acid composition:

C16:00 Palmitic acid	11 - 20 %
C18:00 Stearic acid	0,5 - 6 %
C18:01 Oleic acid	12 - 38 %
C18:02 Linoleic acid	40 - 60 %
C18:03 Linolenic acid	2 - 10 %
C20:01 Eicosenoic acid	< 3 %
C16:01 Palmitoleic acid	< 1 %
C20:00 Arachidic acid	< 1 %

4. FIRST AID MEASURES

4.1 Description of first aid measures

Excessive inhalation: Supply fresh air; consult physician in case of complaints.
Skin contact: Generally the product is not skin irritating.
Eye contact: Wash contaminated skin with copious amounts of water for at least 10 minutes – open eyelids forcibly.
Ingestion: In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further details.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Advised extinguisher: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use CO_2, dry powder, fire extinguisher or foam.
Unadvisable extinguisher: Direct jet of water.

5.2 Special hazards arising from the substance or mixture

The product is combustible but not oxidizing. Formation of dangerous gases and vapors possible in case of fire.

5.3 Advice for firefighters

In case of fire suitable measures must be taken, e.g. protective clothing and protective masks must be worn.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

There is a risk of sliding caused by the leaked product.

6.2 Environmental precautions

Avoid dispose into drainage, sewer system or in any natural environment.

6.3 Methods and material for containment and cleaning up

Use of absorbent material (e.g. sand, diatomaceous earth).

6.4. Reference to other sections

Please see section 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures necessary provided product is used correctly.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses

No specific.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Use good hygiene practice: Please wash before contact, before eating and at the end of the working day.

8.2 Exposure controls

Personal protective equipment:
Breathing protection: Use in well aired areas.
Eye protection: Safety glasses.

Hand protection:	Protecting gloves.
Skin protection:	Protective suit should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Color:	yellow to orange
Appearance:	oily liquid
Odor:	characteristic
pH-value:	5 - 6
Flash point:	> 100°C
Water solubility:	Insoluble
Steam pressure:	Unavailable
Initial boiling point and boiling range:	Unavailable
Density at 20 °C:	0,898 - 0,929
Refractive index at 20 °C:	1,469 - 1,478
Optical rotation at 20 °C:	- 4° to + 4°

9.2 Other Information:

None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

This product is stable under normal usage conditions.

10.2. Chemical stability

This product is stable under normal usage conditions.

10.3 Possibility of hazardous reactions

None according to our knowledge.

10.4 Conditions to avoid

None according to our knowledge.

10.5 Incompatible materials

Strong oxidizing agent.

10.6 Hazardous decompositions products

Nothing in proper storage conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50-value: Quantitative data on the toxicity of this product are not available.

Primary irritant effect:

On Skin: No irritant effect.

On Eye: No irritant effect. Temporary visibility.

After Inhalation: No irritant effect.

Sensitization: No sensitizing effect known.

Additional toxicological information:

If properly handled and used, the product does not have any harmful effects according to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental compartments:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.
Ecological effects: Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment:
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Waste should be recycled or disposed of according to the legislation in force, preferably by an approved recycling or waste treatment company.

14. TRANSPORT INFORMATION

14.1 UN-number

Not applicable.

14.2 UN proper shipping name

Land transport: Not applicable.
Transport by sea: Not applicable.
Transport by air: Not applicable.

14.3 Transport hazard class

ADR/RID: Not applicable.
IMDG/IMO: Not applicable.
ICAO/IATA: Not applicable.

14.4 Packing group

ADR/RID: Not applicable.
IMDG/IMO: Not applicable.
ICAO/IATA: Not applicable.

14.5 Environmental hazards

IMDG - Sea pollutant: NO

14.6 Special precautions for user

Not applicable.

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

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations (legislation) specific for the substance or mixture

National Regulation:

Water pollution class (VwVwS appendix 1): WGK 1 (self-classification): slightly hazardous for water
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Latest changes

This data sheet replaces all previous editions. The content of the SDS is regulated by the Regulation (EC) n°1907/2006 (REACH).

Common shortened form:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS: Chemical Abstracts Service (division of the American Chemical Society)
CLP: Classification, Labeling, Packaging
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classification and Labeling of Chemicals

IATA:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
IMDG:	International Maritime Code for Dangerous Goods
IMO:	International Maritime Organization
INCI:	International Nomenclature of Cosmetic Ingredients
LC50:	Lethal Concentration for 50 percent of the test population
LD50:	Lethal Dose for 50 percent of the test population
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
PBT:	Persistent Bioaccumulating Toxicants
vPvB:	Very Persistent and Very Bioaccumulative Substance
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail
TSCA:	Toxic Substances Control Act

Training advice:

Possible hazards:	see section 2
First aid measures:	see section 4
Firefighting measures:	see section 5
Personal protection equipment:	see section 8
Waste treatment methods:	see section 13

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