

SAFETY DATA SHEET (SDS)

Issue date: 2017-01-19

Version 4

SWEOAT Oil

1. Identification of the mixture and of the company

1.1 Product identifier

Chemical name	Oat Oil	
Product name	SWEOAT Oil crude	product code: 0008.03.0002
	SWEOAT Oil crude	product code: 0006.03.0002
	SWEOAT Oil Crude TS90	product code: 0082.03.0002
	SWEOAT Oil crude ND	product code: 0074.03.0010
	SWEOAT Oil PL40 crude	product code: 0075.03.0030

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

Identified uses	Food industry and cosmetic industry
Uses advised against	No specific uses advised against have been identified

1.2 Details of the supplier of the safety data sheet

Manufacturer: Swedish Oat Fiber AB
 Båtafjordsvägen 12
 432 63 BUA, Sweden
 Tel: +46 340 66 12 30
 e-mail: info@sweoat.com

Contact person: Frédéric Prothon

1.4 Emergency telephone number

Emergency number (office hours): +46 (0)340 661230

2. Hazards identification

2.1 Classification of the mixture

Classification according to (EC) no 1272/2008 [CLP/GHS] Flam. Liq. 3; H226
 Classification according to 67/548/EEC F, R10

2.2 Label elements



SWEDISH OAT FIBER AB		www.sweoat.com	Styrelsens säte: Göteborg
Båtafjordsvägen 12			Företaget har F-skattebevis
432 63 Bua	Sweden		Org.nr: 556509-0148
Phone: +46 340 66 12 30			VAT No: 556509014801
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Signal words
Hazard statements

Danger, GHS02
H226

Flammable liquid and vapour

2.3 Other hazards

- Health hazardous properties: Oat oil has been used as ingredient for human consumption without any reported adverse effects (Burns et al., 2000, 2001, 2002). Oat oil is produced by conventional methods to avoid any changes of the components naturally present in oats (*Avena Sativa*).
- Risk of Fire/Explosion: Product is flammable due to containment of ethanol residue.
- Environmental properties: same as vegetable oil.

3. Composition / information on the ingredients

3.1 Mixtures

<u>Substances</u>	<u>Cas-nr/ EC-nr</u>	<u>Content%</u>	<u>Classification according to</u>	
			<u>Directive 67/548/EEC ¹⁾</u>	<u>Regulation (EC) No 1272/2008 [CLP] ²⁾</u>
Oat oil		≥85	-	-
Ethanol	64-17-5	≤8	F, R 11	Danger GHS02, H 225
Water		>2%	-	-

1) and 2): see section 16

4. First Aid Measures

4.1 Description of first aid measures

Ingestion: considered as vegetable food oil. If the person is showing health problems seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Inhale: The ethanol vapours may cause discomfort. Have person to breath fresh air.

Contact with skin: No known effects. Wash with water and mild soap.

Contact with eyes: No known effects. Flush with water, keep eyes open, and remove contact lenses

4.2 Indication of any immediate medical attention and special treatment needed

When in doubt or if symptoms remain, contact professional. Never give fluids to or try to induce vomiting to an unconscious person. Keep person calm and warm.

5. Firefighting measures

5.1 Extinguishing media

Extinguish: Carbon dioxide, powder, or sand

5.2 Special hazards arising from substance or mixture

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Cool exposed packages with water and remove, if possible, from heat. Avoid inhaling fumes. Heated containers may explode.

5.3 Advice for firefighters

Protective gear for fire fighters: Protective clothing

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

Avoid contamination of water, for example, sewer to treatment plant.

6.3 Methods and material for containment and cleaning up

Large Spill:

Collect release by absorbing material, such as sand or other suitable material. Finish cleaning by spreading water and appropriate detergent on the contaminated surface and dispose of according to local and regional authority requirements.

Small Spill:

Use appropriate tools - wipe with paper or rag - to put the spilled oil in a convenient waste disposal container. Finish cleaning by spreading water and appropriate detergent on the contaminated surface and dispose of according to local and regional authority requirements.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

7. Handling and storage

7.1 Precautions for safe handling

Work only in well ventilated areas. Avoid heat sparks and open flames. Avoid contact with strong oxidising substances. Wash hands using soap and water.

7.2 Condition for safe storage, including any incompatibilities

Keep packaging closed. Store by room temperature in well ventilated areas away from open flame or sparks.

8. Exposure control/ Personal protection

8.1 Control parameters

None established

8.2 Exposure controls

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Good ventilation. Equipment that is used must be applicable for flammable liquids, with enough ventilation to prevent explosive air mixtures.

Personal safety measures: Use goggles and lab-coat.

9. Physical and Chemical properties

9.1 Information on basic physical and chemical properties

Form: fluid

Colour: brown

Smell: pleasant

Density (g/cm³): 0,960

Flash point: 29,5°C (closed cup), 70°C (open cup)

Evaporation rate: Not available

Viscosity: Not available

pH (1% in water): Not applicable

9.2 Other information

No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

The mixture strongly reacts with strong oxidation agents.

10.2 Chemical stability

Stable product under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Avoid heat, sparks and fire.

10.5 Incompatible materials

Avoid contact with substances with strong oxidation.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological information

11.1 Information on toxicological effects

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Contact with Eyes: No known effects. May cause slight irritation.

Contact with skin: No known effects

Inhale: No known effects

Ingestion: Oat oil is considered as edible oil.

12. Ecological information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

No known data. Substances in this product are extracted from oats.

13. Disposal considerations

13.1 Waste treatment methods

Must be disposed in conjunction with governmental recommendations and regulations in effect.

14. Transportation information

ADR/RID

14.1 UN number: UN 1197

14.2 UN proper shipping name: Extracts, flavoring, liquid

14.3 Transport hazard class: 3

14.4 Packaging group: III

14.5 Environmental hazards: No

IMDG

14.1 UN number: UN 1197

14.2 UN proper shipping name: Extracts, flavoring, liquid

14.3 Transport hazard class: 3

14.4 Packaging group: III

14.5 Environmental hazards: No

14.6 Special precautions for users: EMS number: F-E, Non-water reactive flammable liquids.

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ITA-DGR

- 14.1 UN number:** UN 1197
14.2 UN proper shipping name: Extracts, flavoring, liquid
14.3 Transport hazard class: 3
14.4 Packaging group: III
14.5 Environmental hazards: No

15. Regulatory information

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

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15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

R11 Highly flammable
H 225 Highly flammable liquid and vapour.

References:

- Burns et al, 2000, Short-term effect of yoghurt containing a novel fat emulsion, Int J Obes Relat Metab Disord. 24(11): 1419-25.
- Burns et al, 2001, The effects of yoghurt containing a novel fat emulsion on energy and macronutrient intakes in non-overweight, overweight and obese subjects, Int J Obes Relat Metab Disord. 25(10):87-96,
- Burns et al, 2002, Dose-response effects of a novel fat emulsion (Olibra) on energy and macronutrient intakes up to 36 h post-consumption. Eur J Clin Nutr. 56(4):368-77.

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