

EC - Safety data sheet

in accordance with 1907/2006/EG, last amended 453/2010/EU

Version: July 2019



1. Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier	Soybean oil; vegetable oil (crude) in accordance with appendix IV and V of : 1907/2006/EC
1.2 Relevant identified uses of the substance or mixture and uses advised against	: foodstuff and animal feeding stuff; use as fuel; oleo chemical usage
1.3. Details of the supplier of the safety data sheet	
Manufacturer	: BAG Ölmühle BetriebsgmbH
Street	: Wiener Strasse 12a
Postcode/City	: 7540 Güssing, Austria
Telephone	: 0043 (0) 3322 / 43394
Telefax	: 0043 (0) 3322 / 43394 14
Person to contact for further information	: Plant manager
e-mail	: bagoffice@bagoil.at
1.4 Emergency telephone number	: 0043 (0) 664 / 5121012

2: Hazards identification

2.1. Classification of the substance or mixture	: not applicable, foodstuff or animal feeding stuff
2.2. Label elements	: not applicable
2.3. Other hazards	: no specific risks, not assessed in accordance with EU regulations 1272/2008 and 2016/1179

3. Composition / information on ingredients

3.1. Substances	:
3.2. Mixtures	:
Substance / preparation	: foodstuff or animal feeding stuff
Chemical characterization	: triglyceride, vegetable oil
Concentration of the ingredients	: not applicable
CAS-No.	: 8001-22-7
Index-No. (67/584/EWG)	: not applicable
EINECS	: 232-274-4

4. First aid measures

4.1. Description of first aid measures	: not applicable
4.2. Most important symptoms and effects, both acute and delayed	: not applicable
4.3. Indication of any immediate medical attention and special treatment needed	: not applicable

5. Firefighting measures

5.1 Extinguishing media	:
Suitable extinguishing media	: foam, CO ₂ , firefighting powder, sand
Unsuitable extinguishing media	: water
mixture	: thermal decomposition produces acrolein C ₃ H ₄ O
5.3. Advice for firefighters	: no special measures required

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	: higher risk of slipping
6.2 Environmental precautions	: keep away from drains, surface and ground water
6.3 Methods and material for containment and cleaning	:
6.4 Reference to other sections	: not applicable

7. Handling and storage

7.1. Precautions for safe handling	
7.1.1 Recommendations	
a. safe handling	: may splash in contact with water when hot
b. Prevent handling of incompatible substances or mixtures	:
c. Reduce the release of the substances or mixtures	: fire hazard when welding the empty container
7.1.2 General occupational hygiene	: a. no eating, drinking and smoking in work areas : b. wash hands after use / contact : c. remove contaminated cloths and protective equipment before entering eating areas
7.2. Conditions for safe storage, including any incompatibilities	: not applicable
a. How to manage risks	:
b. How to control effects	:
c. Reduce the release of the substances or mixtures to the environment	: use of stabilisers and antioxidants
d. Other advice	:
7.3. Specific end use(s)	:

8. Exposure controls / personal protection

8.1. Control parameters	
National biological limit values	: not applicable
8.2. Exposure controls	:
8.2.1 Appropriate engineering controls	: not applicable
8.2.2 Individual protection measures	: not necessary
8.2.3 Environmental exposure controls	: not applicable

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties		Method
a. Appearance	: up to -5°C liquid, yellow	
b. Odour	: neutral to natural	
c. Odour threshold	:	
d. pH value	:	
e. Melting point	: < 0°C	DGF C-IV 3a
f. Initial boiling point and boiling range	:	
g. Flash point	: > 121 °C	DGF C-IV 8
h. Evaporation rate	:	
i. Flammability	: when finely dispersed, e.g. in bleaching earth, insulating materials, clothings	
j. Upper/lower flammability or explosive limits	:	
k. Vapour pressure	: not detected	
l. Vapour density	:	
m. Relative density	: 910 - 925 kg/m ³ at 20°C	DGF C-IV 2
n. Solubility	: insoluble in water; unlimited in lipophilic solvents	
o. Partition coefficient: n-octanol/water	:	
p. Auto-ignition temperature	:	
q. Decomposition temperature	:	
r. Viscosity	: approx. 60 mPa s at 20°C	DGF C-IV 7
s. Explosive products	: not applicable	
t. oxidising properties	:	
9.2. Other information	:	

10: Stability and reactivity

10.1. Reactivity	:
10.2. Chemical stability	:
10.3. Possibility of hazardous reactions	:
10.4. Conditions to avoid	: nothing specific
10.5. Incompatible materials	:
10.6. Hazardous decomposition products	: thermal decomposition produces acrolein C ₃ H ₄ O

11: Toxicological information

11.1. Information on toxicological effects	: not toxic; foodstuff or animal feeding stuff
a. acute toxicity	:
b. skin corrosion / irritation	:
c. serious eye damage / irritation	:
d. respiratory or skin sensitisation	:
e. germ cell mutagenicity	:
f. carcinogenicity	:
g. reproductive toxicity	:
h. STOT single exposure	:
i. STOT repeated exposure	:
j. aspiration hazard	:

12: Ecological information

12.1. Toxicity	: foodstuff or animal feeding stuff
12.2. Persistence and degradability	: highly biodegradable, COD/BOD5 approx. 1,5-2,2 average 1,8
12.3. Bioaccumulative potential	:
12.4. Mobility in soil	: does not move under natural forces to the groundwater
12.5. Results of PBT- and vPvB assessment	:
12.6. Other adverse effects	:

13. Disposal considerations

13.1 Waste treatment methods	: no hazardous waste; As waste it can be utilised for primary use or thermal recycling.
European Waste Catalogue code No.	: 020304
Further information	: must be disposed in accordance with official regulations

14: Transport information

General	: not a dangerous substance, foodstuff or animal feedingstuff
14.1. UN number	: not applicable
14.2. UN proper shipping name	: not applicable
14.3. Transport hazard class(es)	: not applicable
14.4. Packing group	: not applicable
14.5. Environment hazards	: not applicable
14.6. Special precautions for user	: not applicable
14.7. Transport in bulk according to Annex II of MARPOL-Übereinkommens 73/78 and the IBC-Code	: not applicable

15: Regulatory information

15.1. Safety, health and environment regulations/legislation specific for the substance or	: not applicable
15.2. Chemical safety assessment	: not applicable

16: Other information

	The information above does not constitute any contractual warranty to product properties and is based on the current state of knowledge.
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