

Organic Virgin Safflower seed oil

REF HBCT



Health : 0	No unusual hazard.
Flammability : 1	Combustible if heated.
Reactivity : 0	Stable : Not reactive when mixed with water.
Special Notice Key : --	---

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

1.1. Product identifier

INCI name : Carthamus tinctorius seed oil
Identification of the product : Liquid.
Ref. nr : CLP notification nr : 02-2119657417-31-0000
Reach Nr : "This substance is exempted from Registration according to the provisions of Article 2(7)(b) and Annex V.9 of REACH.
Trade name : Organic Virgin Safflower seed oil
CAS number : 8001-23-8
EC number : 232-276-5

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

Sector of use category : SU3: Industrial uses: Uses of substances as such or in preparations at industrial sites
Chemical product category : PC39: Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Company identification : HUILERIE EMILE NOEL
 Chemin des oliviers
 30130 PONT SAINT ESPRIT FRANCE
 tel +33 (0)4.66.90.54.54 - fax : +33 (0)4 66 39 42 31

1.4. Emergency telephone number

Emergency phone nr : Austria : +431 406 43 43
 Belgium : +070 245 245 (7 /7 24/24)
 Bulgaria : +359 2 9154 409
 Czech republic tel +420 224 919 293, +420 224 915 402
 Denmark : 82 12 12 12
 Estonia : tel nationally 16662, from abroad (+372) 626 93 90
 Finland : (09) 471 977 (direct) or (09) 4711 (exchange)
 France : + 33 (0)1 45 42 59 59
 Germany : 030/19240
 Hungary : +36 1 476 6464
 Ireland : 01 8092566 or 01 8379964
 Lithuania : 370 5 236 20 52 ou 370 687 53 378
 Malta : 2545 0000
 Netherlands : 030-2748888
 Norway : + 47 810 20 050
 Portugal : 808 250 143
 Romania : 021.318.36.06
 Slovakia : 421 2 5477 4166
 Spain : + 34 91 562 04 20
 Sweden : 112 ou 08-331231

Organic Virgin Safflower seed oil

REF HBCT

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Hazard classification : Organic Virgin Safflower seed oil : Not classified as dangerous product.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Not regulated.

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Hazards identification : Organic Virgin Safflower seed oil : Not classified as dangerous product.

Labelling Regulation EC 1272/2008 (CLP)

Not regulated.

2.3. Other hazards

Other hazards : None under normal conditions.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Components : This product is not hazardous according to regulation EC 1272/2008.

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- Inhalation : Not expected to require first aid measures.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Rinse immediately with water.
- Ingestion : Rinse mouth.

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

Other information : None under normal conditions.

4.3. Indication of any immediate medical attention and special treatment needed

Emergency medical treatment : None under normal conditions.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Extinguishing media : Carbon dioxide.
Powder.
Foam.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Avoid (reject) fire-fighting water to enter environment.

Organic Virgin Safflower seed oil

REF HBCT

SECTION 5 Firefighting measures (continued)

5.3. Advice for firefighters

- Flammable class** : Combustible.
Prevention : No smoking.
Special procedures : Exercise caution when fighting any chemical fire.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General precautions** : No naked lights. No smoking.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Spill area may be slippery. Dike for recovery or absorb with appropriate material. Dilute residues and flush.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Handling** : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Store in dry, well-ventilated area.

7.3. Specific end use(s)

Not applicable.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : Not required.
- **Skin protection** : Not required.
- **Eye protection** : Not required.
- **Hand protection** : Gloves.
- **Ingestion** : When using, do not eat, drink or smoke.

8.2. Exposure controls

- Occupational Exposure Limits** : No known control of the exposure

Organic Virgin Safflower seed oil

REF HBCT

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties without value correspond to data not available.

9.1.a. Appearance

Physical state at 20 °C : Liquid.

Colour : Yellow.

9.1.b. Odour

Odour : Characteristic.

9.1.c. Odour threshold

Odour threshold : No data available.

9.1.d. pH

pH value : No data available.

9.1.e. Melting point / Freezing point

Melting point [°C] : No data available.

9.1.f. Initial boiling point - boiling range

Boiling point [°C] : No data available.

9.1.g. Flash point

Flash point [°C] : No data available.

9.1.h. Evaporation rate

Evaporation rate (ether=1) : No data available.

9.1.i. Flammability

Flammability : No data available.

9.1.j. Explosion limits (lower - upper)

Explosion limits : No data available.

9.1.k. Vapour pressure

Vapour pressure [20 °C] : No data available.

9.1.l. Vapour density

Relative vapour density (air=1) : No data available.

9.1.m. Relative density

Density : No data available.

9.1.n. Solubility

Solubility : Ethanol. Ether.

9.1.o. Partition coefficient : n-octanol / water

Log P octanol / water at 20 °C : No data available.

9.1.p. Auto-ignition temperature

Auto-ignition temperature [°C] : No data available.

9.1.q. Thermal decomposition

Organic Virgin Safflower seed oil

REF HBCT

SECTION 9 Physical and chemical properties (continued)

Thermal decomposition [°C] : No data available.

9.1.r. Viscosity

Viscosity at 20°C [mPa.s] : 60 - 70

9.1.s. Explosive Properties

Explosive Properties : No data available.

9.1.t. Oxidising properties

Oxidising properties : No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

Stability and reactivity : Stable under normal conditions.

10.2. Chemical stability

Thermal stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid : No data available.

10.5. Incompatible materials

Materials to avoid : None under normal conditions.

10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information

Acute toxicity

- **Inhalation** : Voie d'exposition non concernée / Way of exposure not concerned

- **Dermal** : No data available.

- **Ocular** : No data available.

- **Ingestion** : Notified as novel food / Notifié en tant que nouvel aliment (NOTIFICATIONS PURSUANT TO ARTICLE 5 OF REGULATION (EC) N° 258/97 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, 2013)

- **Rat oral LD50 [mg/kg]** : 3920 (estimated by calculation according to DIRECTIVE 1999/45/CE 3.1.2. / estimé par calcul selon la directive 1999/45/CE 3.1.2.)

Dermal irritation : "Pure safflower oil seems to be comedogenic in humans, but is not considered a skin irritant in animals and humans (Anonymous, 1985. Ks: 4)" source: European Food Safety Authority, 2012

Organic Virgin Safflower seed oil

REF HBCT

SECTION 11 Toxicological information (continued)

Eyes irritation	: No data available.
Chronic toxicity	
- Inhalation	: Voie d'exposition non concernée / Way of exposure not concerned
- Dermal	: No data available.
- Ocular	: No data available.
- Ingestion	: Notified as novel food / Notifié en tant que nouvel aliment (NOTIFICATIONS PURSUANT TO ARTICLE 5 OF REGULATION (EC) N° 258/97 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL, 2013)
Sensitization	: No data available.
Carcinogenicity	: No data available.
Mutagenicity	: No data available.
Ames test	: negative/négatif (QSAR) "The test method was designed to be compatible with the guidelines for bacterial mutagenicity testing including the OECD Guidelines for Testing of Chemicals No.471 "Bacterial Reverse Mutation Test", Method B13/14 of Commission Regulation (EC) number 440/2008 of 30 May 2008. The test item caused no visible reduction in the growth of the bacterial background lawn at any dose level and was, therefore, tested up to the maximum recommended dose level of 5000 g/plate. A test item precipitate (globular in appearance) was observed at and above 1500 g/plate, this observation did not prevent the scoring of revertant colonies. SESAME OIL ORGANIC DEODORIZED code HBDSM was considered to be non-mutagenic under the conditions of this test. (Test HEN effectué en 2013)" Ames test (S. thyphimurium): negative, with and without metabolic activation (NTP, 1994. Ks. 2).source: European Food Safety Authority, 2012
Toxicity for reproduction : Fertility	: NOAEL > 2,000 mg/kg (species and end-point not indicated. This is a read-across from corn oil) (DHI, Milieu Ltd. and Protection Through Knowledge (PKT) Ltd, 2008. Ks: 2).source: European Food Safety Authority, 2012
Sources of key data used	: Refer to section 16.

SECTION 12 Ecological information

12.1. Toxicity

Toxicity information : No data available.

12.2. Persistence and degradability

Persistence - degradability : tous les composants de l'huile de carthame (acide palmitique, acide oleique et acide linoleique) sont facilement biodegradables / every constituent of safflower oil (palmitic acid, oleic acid and linoleic acid) are readily biodegradable .
(source: EPI)

12.3. Bioaccumulative potential

Bioaccumulative potential : None under normal conditions.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Organic Virgin Safflower seed oil

REF HBCT

SECTION 12 Ecological information (continued)

No data available.

12.6. Other adverse effects

Ecological effects information : Avoid release to the environment.

Sources of key data used : Refer to section 16.

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1. UN number

General information : Not classified.

14.2. UN proper shipping name

Shipping name : Not applicable.

14.3. Transport hazard class(es)

Land transport : Not classified.

Sea transport : Not classified.

- IMDG-Marine pollution : No.

Air transport : Not classified.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

Additional information : None.

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

Listed in annex II of Marpol convention and IBC code

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

15.2. Chemical safety assessment

Chemical safety assessment is not required.

Organic Virgin Safflower seed oil**REF HBCT****SECTION 16 Other information**

Sources of key data used	: Supplier data
Acronyms	: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road CAS#: Chemical Abstracts Service number CLP: Classification Labelling Packaging Regulation ECHA: European Chemicals Agency EINECS: European Inventory of Existing Commercial Substances GHS: Globally Harmonized System IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods IUCLID: International Uniform Chemical Information Database IUPAC: International Union for Pure Applied Chemistry LC50: Lethal Concentration to 50 % of a test population LD50: Lethal Dose to 50% of a test population (Median Lethal Dose) OECD: Organization for Economic Co-operation and Development OSHA: European Agency for Safety and Health at work PBT: Persistent, Bioaccumulative and Toxic substance REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 SVHC: Substances of Very High Concern vPvB: Very Persistent and Very Bioaccumulative DPD: Dangerous Preparations Directive 1999/45/EC DSD: Dangerous Substances Directive 67/548/EEC EPA: US Environmental Protection Agency CIR: Cosmetic Ingredient Review
Further information	: None.
Revision	: 3
Print date	: 2 / 9 / 2013
Prepared by	: NATURAKEM www.naturakem.fr (LISAM software)

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 "REACH".

DISCLAIMER OF LIABILITY The information in this SDS have been obtained from sources which we believe reliable. However, the information are provided without any express or implied warranty, regarding their correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS has ben prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of document