

LINSEED (FLAX) OIL

according to Regulation (EC) No. 453/2010

Version, 17 – 2 / Review 21/2/21

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1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING.

1.1. Product identifier

Product form	Substance
Trade name	Linseed Oil
Chemical name	Linseed Oil
INCI	Linum Usitatissimum Seed Oil
EC Nº	232-278-6
CAS Nº	8001-26-1
JCIC#	N/A
Formula	N/A

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

1.2.1. Relevant identified uses

Main use category	Personal Care
Function or use category	Cosmetics
Perfuming	Used for perfume and aromatic raw materials (Section II)
Skin conditioning	Maintains the skin in good condition.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Q'omer BioActive Ingredients S.L.
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46980 Paterna (Valencia) España.
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1.4. Emergency telephone number

Spanish National Institute of Toxicology and Forensic Sciences (INTCF) (+34) 91 562 04 20

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classed as a hazardous substance.

Classification (EC) 1272/2008

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 and further amendments, nor to those having recognised exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills constitute a slippage hazard.

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

Other hazards not contributing to the classification

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Linum Usitatissimum Seed Oil	CAS # 8001-26-1 EC # 232-278-6	100	Not classified
Name	Product identifier	%	Classification According to regulation (EC) 1272/2008 [CLP]
Linum Usitatissimum Seed Oil	CAS # 8001-26-1 EC # 232-278-6	100	Not classified

3.2. Mixtures

N/A

4. FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	Take off contaminated clothing.
First-aid measures after inhalation	Not hazardous.
First-aid measures after skin contact	No first aid should be needed.
First-aid measures after eye contact	Rinse thoroughly with a lot of water for some minutes.
First-aid measures after ingestion	Not hazardous.

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

Symptoms/injuries	Contact with hot material may cause serious burns.
Symptoms/injuries after inhalation	Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact	Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/injuries after eye contact	Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
Symptoms/injuries after ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Foam, Carbon Dioxide (CO ₂) and dry chemical powder.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	No open fire, no smoking.
Reactivity	Thermal decomposition may generate acrid fumes.

5.3. Advice for firefighters

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting	Use a self-contained breathing apparatus and also a protective suit.
Other information	Avoid (reject) fire-fighting water to enter environment.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

General measures To our knowledge the product does not present any particular risk under normal conditions of use. The usual precautions for handling vegetable oil should be observed.

6.1.1. For non-emergency personnel

Emergency procedures Clear all other personnel from the area.

6.1.2. For emergency responders

Protective equipment Wear suitable protective clothing.

Emergency procedures Mark out the contaminated area with signs and prevent access to unauthorized personnel.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Cover with absorbent material (e.g. universal binding material/sand/siliceous earth)

Place in an appropriate container and dispose of the contaminated material at a licensed site.

6.4. Reference to other sections

For further information refer to Section 8 Exposure controls / personal protection.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

This product can cause the floor to be slippery. Do not eat, drink or smoke when using this product.

Handle in accordance with good manufacturing, industrial hygiene and safety practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in tightly closed packings.

Storage temperature 10-25 °C (If possible)

Prohibitions on mixed storage Keep away from oxidation agents.

Storage area Store away from heat and avoid direct sunlight.

Packaging materials Always keep in containers made of the same material as the supply container (polyethylene / glass / food grade steel drums).

7.3. Specific end use(s)

No additional information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment Protective clothing.

Hand protection No specific measures are necessary.

Eye protection In case of splash hazard: safety glasses.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No specific measures are necessary.

Thermal hazard protection On heating: insulated gloves.

Consumer exposure controls N/A.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid (20°C)
Appearance	Oily
Colour	Light Yellow
Odour	Characteristic
pH value	No data available
Boiling point	> 250° C
Melting point	- 19°C
Solubility in water	Practically insoluble
Solubility in oil and solvents	Depends
Vapour density (air = 1)	No data available
Flash point	Open Cup 222,22°C
Auto-ignition temperature	343°C
Lower explosion limit	No data available
Upper explosion limit	No data available
Viscosity (mpa.sec.)	No data available

9.2. Other information

Additional information	No supplementary information available
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10. STABILITY AND REACTIVITY

10.1. Reactivity	No significant reactivity hazard under proper handling. It presents no significant reactivity hazards, by itself or in contact with water.
10.2. Chemical stability	Stable under normal conditions of use.
10.3. Possibility of hazardous reactions	No dangerous reactions known. Influence of light and heat.
10.4. Conditions to avoid	Avoid contact with strong acids, alkalis and oxidising agents.
10.5. Incompatible materials	In case of thermal decomposition, acrid fumes may be formed.
10.6. Hazardous decomposition products	

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	Not toxic effect known
Oral (LD50)	No data available
Dermal (LD50)	No data available
Inhalation (LC50)	No data available
Skin corrosion/irritation	Not an irritant
Serious eye damage/irritation	Not an irritant
Respiratory or skin sensitization	Not a sensitizer
Chronic Toxicity	Not classified
Germ Cell Mutagenicity	Not a mutagen
Carcinogenicity	Not classified
Reproductive toxicity	Not a reprotoxicant.
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	Does not present an aspiration hazard.
Photo-toxicity	Not photo toxic

Other Information

Considered as non-toxic

12. ECOLOGICAL INFORMATION

- 12.1. **Toxicity** Not considered eco-toxic.
- 12.2. **Persistence and degradability** No additional information available.
Potential for bio-concentration in aquatic organism is low.
- 12.3. **Bioaccumulative potential** No additional information available.
- 12.4. **Mobility in soil** No additional information available.
- 12.5. **Results of PBT and vPvB assessment** Do not allow product to enter streams, sewers or other waterways.
- 12.6. **Other adverse effects**

13. DISPOSAL CONSIDERATIONS

- 13.1. **Waste treatment methods**
 Dispose in a safe manner in accordance with local/national regulations.
 Collect all waste in suitable and labelled containers and dispose according to local legislation.
 Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

14. TRANSPORT INFORMATION

- 14.1. **UN number** Not bound by transport regulations.
- 14.2. **UN proper shipping name** Not bound by transport regulations.
- 14.3. **Transport hazard class(es)** Not bound by transport regulations
- 14.4. **Packing group** None
- 14.5. **Environmental hazards** No additional information available.
- 14.6. **Special precautions for user** See section 6 – 8
- 14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not defined

15. REGULATORY INFORMATION

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - 15.1.1. EU-Regulations
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
 - 15.1.2. Approved Code of Practise
 Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
 Guidance Notes CHIP for everyone HSG (108). Workplace Exposure Limits EH40
 - 15.1.3. Statutory Instruments
 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
 - 15.1.4. National regulations
 No additional information available



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MATERIAL SAFETY DATA SHEET - MSDS

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15.2. Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

16. OTHER INFORMATION

Legend

N/A = Not applicable or Not available

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The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its 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 MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.

It should not therefore be construed as guaranteeing any specific property of the product.