



Chemistry Connection
253 Sturgis Road
Conway, AR 72034
Phone: 501-470-9689

Email: contact@thechemistryconnection.com

SAFETY DATA SHEET

MACADAMIA NUT OIL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

- 1.1. REACH REGISTRATION: Exempt as per Annex IV and V according to EU Regulation 1907/2006
- 1.2. ALTERNATIVE NAMES:
- 1.3. APPLICATIONS: Raw material for cosmetic and pharmaceutical products
- 1.4. SUPPLIER: Chemistry Connection
253 Sturgis Road
Conway, AR 72034
USA
Phone: 501-470-9689
Email: contact@thechemistryconnection.com
Chemical Emergencies: Chemtrec: 1-800-424-9300

2. HAZARD IDENTIFICATION

- 2.1. GENERAL INFORMATION: 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

3. COMPOSITION AND INFORMATION ON INGREDIENTS

- 3.1. GENERAL INFORMATION: Naturally occurring vegetable oil obtained from the ripe seed of *Macadamia Integrifolia*
The oil may be in the crude or refined, bleached, and deodorized state.
- 3.2. HAZARDOUS INGREDIENTS: None
- 3.3. CAS NUMBER: 129811-19-4
- 3.4. EINECS NUMBER: Not available

4. FIRST AID MEASURES

- 4.1. GENERAL INFORMATION: Remove contaminated soaked clothing immediately
- 4.2. CONTACT WITH SKIN: No measure, being a non-toxic product

- 4.3. CONTACT WITH EYES: Wash thoroughly with running tap water
- 4.4. INGESTION: No measure, being a non-toxic product
- 4.5. INHALATION: Not expected with this type of product
- 5. FIRE-FIGHTING MEASURES**
- 5.1. EXTINGUISHING MEDIA: Foam, CO₂, Dry chemical powder.
- 5.2. UNSUITABLE EXTINGUISH MEDIA: Water.
- 5.3. COMBUSTION DANGERS: The product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke and oxides of carbon.
- 5.4. PROTECTIVE EQUIPMENT: Standard. Wear self-contained breathing apparatus in confined spaces.
- 6. ACCIDENTAL RELEASE MEASURES**
- 6.1. PERSONAL PRECAUTIONS: No special precautions required.
- 6.2. ENVIROMENTAL PRECAUTIONS: No special precautions required.
- 6.3. METHODS FOR CLEANING UP: Small spills and residues may be absorbed with material such as cloth or sawdust, washed away with water and cleaned with sodic products. Larger spillage may be pumped.
- 7. HANDLING AND STORAGE**
- 7.1. HANDLING: Keep containers sealed when not in use. Prevent spills and leaks to avoid slip hazard. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.
- 7.2. STORAGE: Keep containers out of direct sunlight in cool dry conditions at a temperature not exceeding 25°C. Keep in the original containers or in plastic or plastic-coated containers. Limit oxygenation (contact with air).
- 8. EXPOSURE CONTROL AND PERSONAL PROTECTION**
- 8.1. PROTECTION: No particular protection measure is needed.
- 8.2. OCCUPATIONAL EXPOSURE LIMIT: Not applicable
- 8.3. EXPOSURE CONTROLS: Not applicable

9. PHYSICAL DATA AND CHEMICAL PROPERTIES

9.1. ASPECT & COLOUR:	Clear, light yellow liquid at 20°C
9.2. ODOUR:	Almost odourless
9.3. PH:	Not applicable
9.4. BOILING POINT:	> 100°C
9.5. FLASH POINT:	> 270°C
9.6. RELATIVE DENSITY:	0,910 - 0,920 gr/cm ³ at 20°C
9.7. HYDROSOLUBILITY:	Insoluble
9.8. LIPOSOLUBILITY:	Soluble in vegetable oils

10. STABILITY AND REACTIVITY

10.1. STABILITY:	Stable under normal circumstances.
10.2. CONDITIONS TO BE AVOIDED:	High temperature warehousing, heating at more than 60°C (for cosmetic use)
10.3. MATERIALS TO BE AVOIDED:	Concentrated acids, alkalis and oxidising agents
10.4. SHELF LIFE:	Min. 18 months from production date when stored in closed containers protected from light
10.5. DECOMPOSING HAZARDS:	The product does not decompose under normal conditions. In fire conditions a complex mixture of irritating fumes and smoke will be evolved

11. TOXICOLOGICAL INFORMATION

11.1. GENERAL INFORMATION:	Non toxic product, pharmaceutical and cosmetic use. Doesn't have any microbiological specification as it is sterilized in the refining process. Doesn't contain impurities. Not included in the list of substances prohibited in cosmetic products or subjected to restrictions, doesn't contain colorants, preservatives or UV filters (Annex II - VI of EU Regulation 1223/2009).
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12. ECOLOGICAL INFORMATION

12.1. BIODEGRADABILITY:	> 90% (OECD)
12.2. ECOTOXICITY:	Low

12.3. MOBILITY: Low

12.4 BIOACCUMULATION POTENTIAL: None

12.5 VARIOUS HARMFUL EFFECT: None

13. DISPOSAL CONDITIONS

13.1. GENERAL INFORMATION: When possible recover spilled product. When product must be discarded, do so into an authorised dump or recycling service station. Act in accordance with local and national regulations

14. TRANSPORT INFORMATION

14.1. GENERAL INFORMATION: Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO) transport not restricted in drums or food tanks.

15. REGULATION INFORMATION

15.1. EU CLASSIFICATION: Not dangerous according to REACH Regulation 1907/2006

15.2. GHS LABELLING: No signal word, pictograms, hazard or safety phrases required (EU Regulation. 1272/2008 CLP)

15.3. WATER ENDANGERING CLASS: Not water endangering

16. OTHER INFORMATION

16.1. DISCLAIMER: The information provided in this SDS is correct to the best of our knowledge at the date of its publication and is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not a warranty or quality specification. The information relates only to the specific material designated and may not be valid for the material used in combination with any other or in any process, unless specified. All our products, with exceptions specifically advised, are refined through 'food grade' refineries but their actual use is for 'cosmetics'. It is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee of the product, express or implied, nor do **we** assume any liability arising out of use, by others, of the product referred to herein.

Issued: 02/2008	Revision: 05/2017
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