

## Macadamia Nut Oil

### Material Safety Data Sheet (MSDS)

#### 1. Product Identification

**Product Name:** Macadamia Nut Oil  
**INCI Name:** Macadamia Ternifolia Seed Oil  
**Chemistry:** Vegetable oil (triglyceride) derived from the seeds of the Macadamia Ternifolia.  
**CAS Number:** 128497-20-1, 129811-19-4  
**EINECS Number:** 273-313-5  
**JCLS Number:** 42-521074

#### 2. Physical & Chemical Properties

**Melting Point:** not determined  
**Boiling Point:** not determined  
**Non-Volatiles:** <0.1  
**Viscosity:** not determined  
**Specific Gravity:** @225 C: 0.90-0.92  
**Solubility in water:** insoluble  
**Refractive Index:** not determined  
**Appearance & Odor:** light yellow to golden liquid with slight odor

#### 3. Stability & Reactivity

**Chemical Stability:** stable under normal conditions  
**Incompatibility:** Strong oxidizers, avoid heat and sources of ignition such as sparks and flame.  
**Thermal Decomposition:** Combustion produces carbon monoxide, carbon dioxide, and thick smoke. In general, products of combustion (such as organic materials) may be irritating and toxic.  
**Hazardous Polymerization:** will not occur

#### 4. Handling & Storage

Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated exposure with eyes. May be slippery when spilled. Do not store or use near heat, sparks, or flame and store out of the sun. Never use pressure to empty. Do not puncture, drag, or slide container. Handle in a well ventilated area. Ground metal containers when dispensing. Store in a closed container below 30 C in well ventilated area. Keep away from oxidizing agents, excessive heat, and sources of ignition such as sparks and flame.

#### 5. Accidental Release Measures

**Personal precautions:** Consult Hazards Identification in Section 3, Personal Protection in Section 8.  
**Methods for clean up:** Remove sources of ignition. Contain spill to smallest possible area. Absorb with appropriate inert materials. Area may be slippery; take precautions.

#### 6. Exposure Controls & Personal Protection

**Respiratory Protection:** None required under conditions of normal use. If vapor or mist is generated when heated or handled use a certified NIOSH respirator for oil mist.  
**Protective Clothing:** Use safety glasses/goggles or face shield when handling to avoid splashing into eyes.  
**Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

#### 7. Hazards Identification

**General:** This material is not hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This product has a low vapor pressure and is not anticipated to present an inhalation hazard at ambient conditions. Eye contact may cause irritation. Skin irritation is not expected with normal contact. Excessive and/or prolonged exposure may cause irritation. Ingestion is relatively non-toxic unless aspiration occurs.

#### 8. First Aid Measures

**Eyes:** Irrigate with heavy stream of water for at least 15 minutes or until irritation subsides. If material is hot treat for thermal burns and seek medical attention.  
**Skin:** No adverse affects are expected due to its use in personal care products. If irritation occurs, wash area with soap and water. Remove contaminated clothing. If material is hot treat for thermal burns and seek medical attention.  
**Inhalation:** No adverse effects due to inhalation of vapors are expected at ambient temperatures.  
**Ingestion:** Do not induce vomiting due to aspiration hazard. If vomiting occurs seek immediate medical attention.

#### 9. Fire Fighting Measures

**Flash Point:** >338 C (Cleveland open cup)  
**Extinguishing Media:** Water spray may spread flames. Use dry chemical, foam, CO2 and other standard extinguishing media for oil fires.  
**Fire Fighting Procedures:** Combustible material. Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.

#### 10. Toxicological Information

**Effects of Over Exposure:** None  
**Toxicity Data:** Product is non – toxic.

#### 11. Disposal Consideration

**US:** Discarded product is not a hazardous waste under RCRA, 40 CFR 261.  
**EC:** Dispose of material in accordance with appropriate regulations.

#### 12. Transport Information

**DOT Shipping Name:** Vegetable Oils  
**ADR/RIC Code:** not regulated  
**Sea Transport IMDG Code:** not regulated  
**Air Transport IATA:** not regulated

#### 13. Regulatory Information

**US:** This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control ACT (TSCA) regulation (40 CFR 710) when used as such. Don not use for other purposes.  
**EC:** This product is not classified as "dangerous" according to the health and physical properties criteria of the EU Directives on the classification of substances and preparations.

#### 14. Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.