

# SAFETY DATA SHEET

## MCT OIL

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: MCT OIL  
INCI Name: Caprylic / Capric Triglyceride  
CAS Number: 73398-61-5  
Recommended Use: Food additives, Skin cosmetics  
Company: Lab Alley, LLC  
22111 Hwy 71 West, Ste 601  
Spicewood TX 78669  
Tel: 512-668-9918

### 2. HAZARD IDENTIFICATION

#### GHS CLASSIFICATION:

This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

#### GHS LABEL ELEMENTS

**Signal word** None Required

**Pictogram** None Required

**Hazard Statement** None Required

**Precautionary Statement** None Required

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	EC Number	Percent
Caprylic / Capric Triglyceride	73398-61-5	277-452-2	100

#### 4. FIRST AID MEASURES

##### Necessary Measures for Routes of Exposure:

<b>Inhalation</b>	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
<b>Skin</b>	Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
<b>Eye</b>	If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Seek medical attention if irritation persists.
<b>Ingestion</b>	This product is food grade. However, if product is swallowed and if you feel unwell, seek medical advice.

#### 5. FIRE FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray, fog, CO<sub>2</sub>, dry chemical or alcohol resistant foam.

##### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire.

##### Specific Hazards In Arising From The Chemical

Irritating and toxic fumes may be produced at high temperatures. Use of water may result if the formation of a toxic aqueous solution. Do not allow run-off from firefighting to enter drains or water courses. Do not use heavy water stream.

Explosive Sensitivity to Mechanical Impact: No

Explosive Sensitivity to Static Discharge: No

##### Special Protective Equipment For Fire Fighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode when fighting fires.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

**Environmental Precautions** Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

## **Methods For Containment**

- Small Spills:** Collect material via broom or mop. Place in tightly sealed containers for proper disposal.  
Approach spill areas with caution.  
If liquid was introduced, create a dike or trench to contain material.  
Soak up with absorbent material such as clay, sand or other suitable non-reactive material.
- Large Spills:** Place in leak-proof containers. Seal tightly for proper disposal.  
Dispose of in accordance with Federal, State, and local hazardous waste disposal regulations.

## **7. HANDLING AND STORAGE**

- Handling** To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling.
- Storage** Technical measures: Keep container closed.  
Recommended Storage Conditions: Store in a cool, dry place.  
This material must be stored at room temperature (23 - 25°C). It should not be exposed to excessive heat or cold. Do not freeze.
- Specific Uses** Comply with the regulations and product data sheet. No specific recommendations. Apply the above handling guidelines.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Engineering Controls** Local exhaust is recommended  
Mechanical – may be necessary if working at elevated temperatures or enclosed areas.
- Personal Protective Equipment**
- General** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
- Eye/Face Protection** Goggles or face shield with goggles, dependent upon potential exposure.
- Skin Protection** Nitrile gloves are recommended.  
Dependent upon degree of potential exposure, additional protective equipment may be required, such as chemical boots and full protective clothing.

**Respiratory Protection**      None required for ambient temperature, although an appropriate NIOSH/MSHA air purifying respirator should be used if a mist or vapour is generated.

Warning: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
Form	Clear to light yellow liquid
Physical State	Liquid
Color	Clear to light yellow
Odor	Characteristic Odor
Odor Threshold	Not available
<b>Safety Data</b>	
pH	Not available
Boiling Point	Not available
Flash Point	> 200°C
Evaporation Rate	Not available
Flammability (Train Fire)	Not available
Flammability Limits In Air, Lower, % By Volume	Not available
Flammability Limits In Air, Upper, % By Volume	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Relative Density at 20°C	0.91 ± 0.01
Solubility in Water	Insoluble
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity at 40°C	Not available
Density	Not available

## 10. STABILITY AND REACTIVITY

**Chemical Stability**      Stable at normal conditions

### Possibility Of Hazardous Reactions

Hazardous polymerization does not occur.

**Conditions to Avoid**      No dangerous reactions known under use of normal conditions.  
Avoid extreme heat.

### Hazardous Decomposition Products

No hazardous decomposition products if instruction for storage and handling are followed.

## 11. TOXICOLOGICAL INFORMATION

### Toxicological Effects:

**Toxicity Data:** No data available

**Suspected Cancer Agent:** Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

**Irritancy:** Skin: Not expected to be an irritant  
Eyes: Not expected to be an irritant

### **Sensitization to the Product:**

This product is not expected to cause skin sensitization.

**Reproductive Toxicity:** No specific information is available concerning the effects of this product and its components on the human reproductive system.

**Other information** Not available

## 12. ECOLOGICAL INFORMATION

**Toxicity:** No data available.

### **Persistence and Degradability:**

No specific data available on this product.

### **Bioaccumulative Potential:**

No specific data available on this product.

### **Mobility in Soil:**

No specific data available on this product.

### **Other Adverse Effects:**

No data available.

### **Water Endangerment Class:**

At present, there are no eco-toxicological assessments for this product.

## 13. DISPOSAL CONSIDERATIONS

### **Product Disposal**

**Prohibition** Avoid release to the environment.

### **Advice On Disposal**

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

Dispose of in accordance with local regulations.

### **14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IMDG** Not regulated

**IATA** Not regulated

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

### **15. REGULATORY INFORMATION**

#### **OSHA Status**

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard. However, thermal processing and decomposition fumes from this product may be hazardous.

#### **European Economic Community Information:**

This product does not meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

### **16. OTHER INFORMATION**

**All statements, technical information and recommendations contained herein are based on tests and data which Lab Alley LLC believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.**