

SDS No. : WOG-E-004  
First Issued : 01 Feb 2014

Revision No. : 09  
Revision Date : 12/12/19

## SAFETY DATA SHEET

### 1. Chemical / Product and Company Identification

- a. Product name : MCT Fractionated Coconut Oil  
    Synonym : Medium Chain Triglyceride
- b. Product code : 97226
- c. Recommended use : Raw material for manufacturing oleochemical derivatives
- d. Distributor : **Shay and Company**  
                  10639 SE Fuller Rd  
                  Milwaukie, OR 97222
- Emergency contact : [orders@shayandcompany.com](mailto:orders@shayandcompany.com)  
                          phone: 503-653-1155

### 2. Hazards Identification

- a. Classification of the substance or mixture:  
Product is non-hazardous  
Not classified as Hazardous under US OSHA Regulations ( 29 CFR 1910.1200) and Canadian WHMIS regulations (Hazardous Products Regs WHMIS 2015).
- Product is not classified and no labelling is required as per requirement outlined in the Regulation (EC) No. 1272/2008 (CLP/GHS)
- b. Label elements
- Pictograms : No Symbol Required
  - Signal words : Non Hazardous
  - Hazard Statement(s) : Not Applicable
  - Precautionary statement(s) : Wear protective gloves, protective clothing, eye protection, face protection. If skin irritation occurs: Get medical advice and attention. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse.
- c. Other hazards which do not result in classification (e.g. dust explosion hazard): None

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### 3. Composition / Information on Ingredients

Chemical Name	INCI Name	CAS No	EC No
Glycerides, mixed decanoyl and octanoyl	Caprylic / Capric Glycerides	73398-61-5	277-452-2

### 4. First-aid Measures

- a. **Eye contact**  
Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
- b. **Skin contact**  
Wash skin thoroughly with soap and water. Remove contaminated clothing as washing proceeds.
- c. **Inhalation**  
Remove from exposure. Keep warm and at rest. Seek medical Attention if you feel unwell.
- d. **Ingestion**  
Wash out mouth with water. Do not induce vomiting. Keep warm and at rest. Seek medical.
- e. **Most important acute and delayed symptoms/effects**  
None

### 5. Fire Fighting Measures

- a. **Suitable (and unsuitable) extinguishing media**  
Use dry powder, water spray, foam, carbon dioxide for extinguishing. Avoid using large quantities of water.
- b. **Specific hazards arising from the chemical (e.g. hazardous combustion products)**  
Irritating and highly toxic gases may be generated by thermal decomposition or combustion.
- c. **Special protective equipment and precautions for fire-fighters**  
Wear a self-containing breathing apparatus and full protective gear.

### 6. Accidental Release Measures

- a. **Measures required for personal protection and protective equipment**  
Use rubber gloves, air respirator, goggles, safety shoes and lab coat. Remove contaminated clothing and wash hands between breaks and at end of duty hours. Locate eye washes and emergency showers in all work and storage areas.
- b. **Measures required for environment protection:** Not available
- c. **Clean-up and removal method**  
Remove all potential ignition sources. Contain spilled material. Cover with an inert or noncombustible inorganic absorbent material, sweep up and remove to an approved

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disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations

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## 7. Handling and Storage

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a. **Precautions for safe handling**

Use in well ventilated areas. Avoid creating dust. Avoid inhaling dust. Avoid contact with skin eyes and clothes. Wear personal protective equipment (see section 8). Wear respiratory protection. Material can be slippery underfoot.

b. **Conditions for safe storage (including incompatibilities)**

Keep away from drains, soils, surface & ground waters. Store in tightly closed original container when not in use. Storage area should be cool and dry. Keep away from ignition sources & naked flames. Store according to hazard classification.

c. **Recommended handling temperature :**

Refer to Heating Instruction

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## 8. Exposure Controls and Personal Protective Equipment

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a. **Exposure limits of the chemical substance, biological exposure limits and etc.**

None established.

b. **Appropriate engineering controls**

Use normal precautionary measures for handling chemicals.

c. **Personal protective equipment**

- Protection of respiratory system : Wear air respirator
- Eye protection : Wear goggles
- Hand protection : Wear protective gloves
- Body protection : Wear protective clothing, safety shoes
- Hand protection : Wear protective gloves
- Body protection : Wear protective clothing, safety shoes

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## 9. Physical and Chemical Properties

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a. Appearance (physical state, color, etc.)	: Colourless liquid
b. Melting point	: < -5°C
c. Boiling point	: Approx 230°C @ 760 mmHg
d. Flash point	: > 230°C (Cleveland open cup)
e. Density	: Approx 0.93-0.96 g/ml at 20 °C
f. Particle Size Distribution	: Not applicable
g. Vapor Pressure	: 3 mbar @ 20 °C
h. Partition coefficient : n-octanol/water	: Not available
i. Water Solubility	: Insoluble @ 20 °C
j. Surface Tension	: Not available
k. Auto Flammability	: Not available
l. Flammability	: Not available
m. Explosiveness	: Not available
n. Oxidizing Properties	: Not available
o. Stability in organic solvent	: Not available
p. Dissociation constant	: Not available
q. Viscosity	: 30 – 32 mPa.s @ 20 °C

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## 10. Stability and Reactivity

- a. Chemical stability : Not available.
- b. Possibility of hazardous reactions : Not available
- c. Conditions to avoid : Extreme heat, cold or direct fire  
(e.g. static discharge, shock, vibration, etc.)
- d. Incompatible materials : Oxidant
- e. Hazardous decomposition products : None known

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## 11. Toxicological Information

### a. Information on toxicological effects

<b>Acute toxicity</b>	: Not available
<b>Skin corrosion/irritation</b>	: Not available
<b>Serious eye damage/eye irritation</b>	: Not available
<b>Respiratory or skin sensitization</b>	: Not available
<b>Germ cell mutagenicity</b>	: Not available
<b>Carcinogenicity</b>	: Not available
<b>Reproductive toxicity</b>	: Not available
<b>Specific target organ toxicity</b>	: Not available

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*(single exposure)*

**Specific target organ toxicity** : Not available

*(repeated exposure)*

**Aspiration Hazard** : Not available

**Potential health effects Inhalation**

: Not available **Ingestion**

: Not available

**Skin** : Not available

**Eyes** : Not available

**Signs and symptoms of exposure:**

To the best of our knowledge, the  
been thoroughly investigated

il, physical, and toxicological properties have not

## 12. Effects on the Environment

- a. **Toxicity** : Not available
- b. **Persistence and degradability** : Readily biodegradable  
100% degraded on day 8  
(OECD 301F Manometric Respirometry).
- c. **Bioaccumulative potential** : Not available
- d. **Mobility in soil** : Not available
- e. **Other adverse effects** : Not available

## 13. Disposal Considerations

- a. Disposal methods: Waste may be disposed of by a licensed waste disposal company. Follow local, state and federal disposal regulations.
- b. Precautions for disposal (including the disposal method of contaminated containers and packages).  
Product and packaging should be disposed of in accordance with the local, state and federal regulations.

## 14. Transport Information

- a. UN number : Not available
- b. UN proper shipping name : Not available
- c. Transport hazard classes : Not hazardous according to US DOT. RID/ADR, GGVS/GGVE, ADNR,  
IMDG, ICAO-TI/IATA-DGR
- d. Packing group, if applicable : Not available

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- e. Environmental hazard :  
Marine pollutant (yes/no) : No

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### 15. Regulatory Information

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- a. Industrial Safety and Health Law : Not available  
b. Toxic Chemical Control Law : Not available  
c. Dangerous Substance Safety Management Law : Not available  
d. Wastes Management Law : Not available  
e. Safety, Health & Environment :  
Compliance with REACH regulation (EC) 1907 / 2006.  
Not subject to the provisions of Annex XVII on dangerous substances (restricted entries)  
f. Other regulations in domestic and foreign countries :  
Observe prescribed Federal, State and Local measures for dealing with chemicals listed on EINECS (EU), TSCA-CSI (USA), DSL (Canada), AICS (Australia), ENCS (Japan), ECL (Korea), PICCS (the Philippines) and IECSC (China).

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### 16. Other Information

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This information presented here is believed to be accurate and pertains only to the product when stored in a sealed condition, as prescribed above. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. Manufacturer shall in no way be liable for any claims, losses and damages of any third party, or for lost profits, or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, from the use of this product.