



## SAFETY DATA SHEET

Version 1.0  
Effective Date: 06/10/15

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	MCT
Description:	Middle Chain Triglycerides Caprylic-Capric Triglycerides
Product Code:	2872
Suggested Use:	Personal Care, Cosmetics
Restrictions on Use:	N/A

### 2. HAZARDS IDENTIFICATION

#### Classification

GHS Classification: Not classified as hazardous under any GHS hazard class.

#### GHS Label Elements

Pictogram:	Not Applicable
Signal Word:	Not Applicable

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

HMIS Classification:	Health Hazard:	1
	Flammability:	1
	Physical Hazards:	0

NFPA Rating:	Health Hazard:	1
	Fire:	1
	Reactivity Hazard:	0

#### Potential Health Effects

Inhalation:	May be harmful if inhaled. Unlikely to cause serious damage.
Skin:	May cause mild skin irritation.
Eyes:	May cause mild eye irritation.
Ingestion:	May be harmful if ingested.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>Concentration</u>
Glycerides, Mixed Decanoyl and Octanoyl	73398-61-5	100%
Synonyms:	Middle Chain Triglycerides; Caprylic-Capric Triglycerides	

## 4. FIRST AID MEASURES

If Inhaled:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Call a doctor or physician if irritation persists.
If Ingested:	Do not induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician if you feel unwell.

## 5. FIREFIGHTING MEASURES

Flammability Overview:	Low flammability risk.
Flash Point:	>230°C (446°F)
Extinguishing Media:	Use alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire. Do not use water jet.
Special Protective Equipment for Firefighters:	Wear a self-contained breathing apparatus (SCBA) for fighting large fires.
Hazardous Combustion Products:	Carbon Oxides.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training.
Environmental Precautions:	If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution. Collect spillage.
Containment and Clean Up:	If safe to do so, stop the leak or spill. Move containers away from the spill area. Prevent entry into sewers, water courses, basements, and confined areas. Contain and collect spilled material with non-combustible, absorbent material and place in a container for disposal according to local regulations. Contaminated absorbent material may pose the same physical hazards as the spilled product. If assistance is needed call CHEMTREC or emergency services.

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## 7. HANDLING AND STORAGE

**Safe Handling:** Use appropriate personal protective equipment. Handle in a well-ventilated area. Handle in a manner consistent with good industrial/manufacturing techniques and practices. Wash hands thoroughly with soap and water after use. Remove contaminated clothing and protective equipment before entering eating areas.

**Safe Storage:** Keep containers tightly closed in a cool, dry, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials, direct sunlight, and ignition sources.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

Component	CAS Number	Exposure Limit	Basis
N/A	N/A	N/A	N/A

### Personal Protective Equipment

**Eye Protection:** Tightly fitting safety goggles or safety glasses should be sufficient. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH. Have eye-wash stations available where eye contact can occur.

**Hand Protection:** Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.

**Skin Protection:** Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in the areas where skin contact can occur.

**Respiratory Protection:** Always ensure adequate ventilation. Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

**General Controls:** Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance:** Colorless to Yellow

**Odor:** Almost Odorless

**Odor Threshold:** N/A

**pH:** N/A

**Melting/Freezing Point:** <0°C (32°F)

**Boiling Point:** >250°C (482°F)

**Flash Point:** >230°C (446°F)

**Evaporation Rate:** N/A

**Flammability (solid, gas):** N/A

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Flammability/Explosion Limits: N/A  
Vapor Pressure @ 20°C: N/A  
Vapor Density: N/A  
Specific Gravity: 0.95  
Density: 7.87 lbs/gal  
Solubility in Water: Insoluble  
Partition Coefficient: Log P<sub>ow</sub> >5  
Autoignition Temperature: >300°C (572°F)  
Decomposition Temperature: N/A  
Viscosity: <100 cPs

## 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions.

Conditions and Materials to Avoid: Strong acids. Strong bases. Strong oxidizing agents. Ignition sources.

Hazardous Decomposition Products: In fire conditions: Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Component	CAS Number	Test	Toxicity
Glycerides, Mixed Decanoyl and Octanoyl	73398-61-5	Oral LD50 (Rat)	>5000 mg/kg
		Dermal LD50 (Rabbit)	>2000 mg/kg
		Inhalation LC50	No specific data

### Potential Health Effects

Inhalation: May be harmful if inhaled. Avoid breathing vapors of heated liquid.

Skin: May cause slight irritation.

Eyes: May cause slight irritation.

Ingestion: May be harmful if ingested.

Signs and Symptoms of Exposure: Irritation. Redness. Watering Eyes.

Chronic Effects of Long-term Exposure: No known significant effects or critical hazards.

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

Mutagenicity: No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

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## Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
N/A	N/A	N/A	No specific data available

## Ecological Effects

Persistence and Degradability:	No specific data available.
Bioaccumulation Potential:	Log $P_{ow}$ >5
Mobility in Soil:	No specific data available.
Other Adverse Effects:	Not expected to be hazardous to the environment or aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

Disposal:	The generation of waste should be avoided or minimized wherever possible. Material should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region. Avoid release into the soil, sewers, drains, and other waterways.
Contaminated Packaging:	Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

## 14. TRANSPORT INFORMATION

### DOT Information

Proper Shipping Name:	N/A
UN Number:	N/A
Hazard Class:	N/A
Packing Group:	N/A
Reportable Quantity (RQ):	N/A
Marine Pollutant:	No
Note:	Not regulated for ground transport.

## 15. REGULATORY INFORMATION

### US Federal

SARA 302 Components:	None Listed
SARA 311/312 Hazards:	None Listed
SARA 313 Components:	None Listed

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TSCA Inventory: All components listed or exempted.

### European Union

EC Inventory: EINECS 277-452-2

### State Regulations

CA Prop 65: None Listed

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## 16. OTHER INFORMATION

SDS Version: 1.0  
Revision Date: 06/10/2015  
Supersedes: New to GHS

The information contained in this document was carefully compiled and is believed to be accurate. The information represents the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. However, it does not represent any guarantee of the properties of the product. Norman, Fox & Co. shall not be held liable for any damages resulting from handling or from contact with the above product. It is the responsibility of the purchaser to determine the suitability of the product for their particular purposes. Nothing contained herein shall be construed to be a recommendation to use, or as a license to operate under, or to infringe any existing patents.

For product information or to re-order, call Norman, Fox & Co. at 323-973-4900.

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