



Safety Data Sheet

MCT

SECTION 1: Identification

1.1 Product identifier

Product name	MCT
INCI Name	Caprylic/capric triglyceride
Substance name	Fractionated coconut oil
EC no.	277-452-2
CAS no.	73398-61-5

1.3 Recommended use of the chemical and restrictions on use

This substance is used in the following products: washing & cleaning products, lubricants and greases, adhesives and sealants, polishes and waxes, fertilizers, coating products and air care products.

1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora, OH 44202 United States
Telephone	888-728-7612
email	documents@bulkapothecary.com

1.5 Emergency phone number(s)

800-633-8253

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	Fractionated coconut oil
EC no.	277-452-2
CAS no.	73398-61-5
Formula	Glycerides, Mixed Decanoyl and Octanoyl
Molecular weight	100
Other names / synonyms	Decanoic acid, ester with 1,2,3-propanetriol octanoate; Decanoic acid, ester with 1,2,3-propanetriol octanoate; Caprylic/capric triglyceride; Fractionated coconut oil; Glycerides, mixed decanoyl and octanoyl

Components

1. Glycerides, Mixed Decanoyl and Octanoyl

Concentration	100 % (weight)
CAS no.	73398-61-5

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.
In case of skin contact	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
In case of 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 swallowed	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.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire. Do not use water jet.

5.2 Specific hazards arising from the chemical

Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for fighting large fires.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training.

6.2 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.

6.3 Methods and materials for containment and cleaning 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 emergency services.

SECTION 7: Handling and storage

7.1 Precautions for 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.

7.2 Conditions for safe storage, including any incompatibilities

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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Fractionated coconut oil (CAS: 73398-61-5)

TLV® (Inhalation): 10 mg/m³ (total) (ACGIH)

REL-TWA (Inhalation): 15 mg/m³ (total) (OSHA)

PEL-TWA (Inhalation): 5 mg/m³ (resp) (OSHA)

REL-TWA (Inhalation): 5 mg/m³ (resp) (NIOSH)

REL-TWA (Inhalation): 10 mg/m³ (total) (NIOSH)

8.2 Appropriate engineering 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.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face 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.

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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.

Thermal hazards

No data available

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid. Colorless to Yellow.
Odor	Almost Odorless
Odor threshold	n/a
pH	n/s
Melting point/freezing point	<0°C (32°F)
Initial boiling point and boiling range	>250°C (482°F)
Flash point	>230°C (446°F)
Evaporation rate	n/a
Flammability (solid, gas)	n/a
Upper/lower flammability limits	n/a
Upper/lower explosive limits	n/a
Vapor pressure	n/a
Vapor density	n/a
Relative density	7.87 lbs/gal
Solubility(ies)	Insoluble in water
Partition coefficient: n-octanol/water	Log Pow >5
Auto-ignition temperature	>300°C (572°F)
Decomposition temperature	n/a
Viscosity	<100 cPs
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.4 Conditions to avoid

Strong acids. Strong bases. Strong oxidizing agents. Ignition sources

10.6 Hazardous decomposition products

In fire conditions: Carbon Oxides.

SECTION 11: Toxicological information

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Information on toxicological effects

Acute toxicity

Oral LD50 (Rat) >5000 mg/kg; Dermal LD50 (Rabbit) >2000 mg/kg; Inhalation LC50 No specific data

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion. Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are Irritation. Redness. Nd Watering Eyes

Skin corrosion/irritation

May cause slight skin irritation.

Serious eye damage/irritation

May cause slight eye irritation

Respiratory or skin sensitization

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

Carcinogenicity

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

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

Log Pow >5

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

SECTION 13: Disposal considerations

Disposal of the product

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.

Waste treatment

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.

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SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312

No SARA hazards.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 65

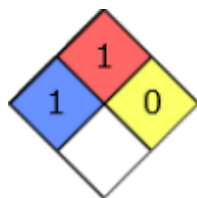
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA Inventory

All components listed or exempted

HMIS Rating

Fractionated coconut oil	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating

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SECTION 16: Other information

SDS Version: 1.3
Revision Date: 01/18/2019

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Bulk Apothecary be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Bulk Apothecary has been advised of the possibility of such damages.