SAFETY DATA SHEET

MCT Oil – Medium Chain Triglycerides

Prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS

SDS DATE	VERSION	PRODUCT CODE (SKU)	CAS NO.
10/29/2026	1.0	MCT-PALM-16OZ	73398-61-5

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product name	**MCT Oil – Medium Chain Triglycerides**
Product code (SKU)	MCT-PALM-16OZ
Chemical name / synonyms	Caprylic/capric triglyceride; medium chain triglycerides; glycerides, mixed decanoyl and octanoyl
CAS No.	73398-61-5
Product form	Substance

1.2 Recommended use and restrictions on use

Recommended use	Raw material for formulation and manufacture of cosmetic, personal-care and holistic products. Manufacturer's stated use: raw material for manufacturing oleochemical derivatives.
Uses advised against	None identified by the manufacturer.

1.3 Responsible party and supplier

Supplier / responsible party	**LA Ingredients** 853 Sandhill Avenue Carson, CA 90746, USA
Email / website	support@laingredients.com laingredients.com

1.4 Emergency telephone number

Emergency telephone (24 hours)	**+1 656 232 3588** Hazmat Line Emergency Response (24 hours a day, 7 days a week)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture (GHS / OSHA HCS 2012)

Not classified as hazardous. The manufacturer states the product is not classified under GHS.

2.2 GHS label elements

Signal word	None
Hazard statement(s)	None. Not applicable.

Precautionary statement(s)	None required for labeling. General good-practice advice: wear protective gloves, protective clothing and eye protection; wash hands thoroughly after handling; take off contaminated clothing and wash before reuse; if skin irritation occurs, get medical advice / attention.

2.3 Hazards not otherwise classified (HNOC)

None.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance. Single component.

Chemical name	CAS No.	EC No.	Concentration	GHS classification
Glycerides, mixed decanoyl and octanoyl (INCI: Caprylic/Capric Triglyceride)	73398-61-5	277-452-2	Not specified by manufacturer	Not classified

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General advice	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.
Inhalation	Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing as washing proceeds.
Eye contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Ingestion	Wash out mouth with water. Do not induce vomiting. Keep warm and at rest. Seek medical attention.

4.2 Most important symptoms and effects, acute and delayed

None known.

4.3 Immediate medical attention and special treatment

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable	Dry powder, water spray, foam or carbon dioxide. Avoid using large quantities of water.
Unsuitable	No data available.

5.2 Special hazards arising from the substance or mixture

Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use rubber gloves, air respirator, goggles, safety shoes and lab coat. Remove contaminated clothing and wash hands between breaks and at the end of the workday. Locate eye washes and emergency showers in all work and storage areas. Spilled material can be slippery underfoot.

6.2 Environmental precautions

Keep away from drains, soils, and surface and ground waters.

6.3 Methods and materials for containment and cleaning up

Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water and detergent. Observe state, federal and local disposal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in well-ventilated areas. Avoid contact with skin, eyes and clothing. Wear personal protective equipment (see Section 8). Material can be slippery underfoot.

7.2 Conditions for safe storage, including incompatibilities

Store in the tightly closed original container when not in use. The storage area should be cool and dry. Keep away from ignition sources and open flames. Keep away from drains, soils, and surface and ground waters. Store according to hazard classification. Incompatible with oxidants.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

None established.

8.2 Appropriate engineering controls

Use normal precautionary measures for handling chemicals.

8.3 Individual protection measures / personal protective equipment (PPE)

Eye / face	Wear goggles.
Skin / hands	Wear protective gloves.
Body	Wear protective clothing and safety shoes.
Respiratory	Wear an air respirator (as stated by the manufacturer).
Hygiene	Remove contaminated clothing and wash hands between breaks and at the end of the workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid; colorless
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point	−28 °C

Boiling point	Approx. 230 °C at 760 mmHg
Flash point	> 230 °C (Cleveland open cup)
Evaporation rate	No data available
Flammability (solid, gas)	Not available
Upper / lower flammability or explosive limits	Not available
Vapor pressure	3 mbar at 30 °C
Vapor density	No data available
Density	Approx. 0.93–0.96 g/mL at 20 °C
Water solubility	Insoluble at 20 °C
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available
Decomposition temperature	No data available
Viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

9.2 Other information

Surface tension: not available. Particle size distribution: not applicable. Dissociation constant: not available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Not available.
10.2 Chemical stability	Not available.
10.3 Possibility of hazardous reactions	Not available.
10.4 Conditions to avoid	Extreme heat, extreme cold or direct fire.
10.5 Incompatible materials	Oxidants.
10.6 Hazardous decomposition products	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not available.
Skin corrosion / irritation	Not available.
Serious eye damage / irritation	Not available.
Respiratory or skin sensitization	Not available.
Germ cell mutagenicity	Not available.

Carcinogenicity	Not available.
Reproductive toxicity	Not available.
STOT – single exposure	Not available.
STOT – repeated exposure	Not available.
Aspiration hazard	Not available.
Potential health effects	Inhalation, ingestion, skin, eyes: not available. To the best of the manufacturer's knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity	Not available.
12.2 Persistence and degradability	Readily biodegradable.
12.3 Bioaccumulative potential	Not available.
12.4 Mobility in soil	Not available.
12.5 Other adverse effects	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Product	Waste may be disposed of by a licensed waste disposal company. Follow local, state and federal disposal regulations.
Contaminated packaging	Dispose of product and packaging in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (US)	Not regulated. UN number, proper shipping name and packing group: not available / not applicable.
IMDG / IATA	Not hazardous according to RID/ADR, GGVS/GGVE, ADNR, IMDG and ICAO-TI/IATA-DGR.
Environmental hazards	Marine pollutant: No.

SECTION 15: REGULATORY INFORMATION

TSCA	The manufacturer's SDS refers to TSCA (USA) among the chemical inventories that apply to this product.
REACH (EU)	Compliant with REACH Regulation (EC) 1907/2006. Not subject to the restrictions of Annex XVII.
Other	Observe prescribed federal, state and local measures for dealing with chemicals.

SECTION 16: OTHER INFORMATION

Date of issue / last revision	10/29/2026
Version	1.0
Supersedes	**None (first issue)**
Prepared by	LA Ingredients, 853 Sandhill Avenue, Carson, CA 90746 | support@laingredients.com
Basis of this SDS	Manufacturer's safety data sheet for caprylic / capric triglyceride (medium chain triglycerides), revision no. 07, revision date 22 Sep 2017.

Key to abbreviations

CAS = Chemical Abstracts Service; EC = European Community number; GHS = Globally Harmonized System; OSHA HCS = OSHA Hazard Communication Standard; PEL = Permissible Exposure Limit; TWA = time-weighted average; LD50 / LC50 = median lethal dose / concentration; EC50 = median effective concentration; PBT / vPvB = persistent, bioaccumulative, toxic / very persistent, very bioaccumulative; DOT = US Department of Transportation; IMDG = International Maritime Dangerous Goods Code; IATA = International Air Transport Association; TSCA = Toxic Substances Control Act; SARA = Superfund Amendments and Reauthorization Act; STOT = specific target organ toxicity. INCI = International Nomenclature of Cosmetic Ingredients; REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals (EU).

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