

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name	MCT Oil, Derived from Palm
CAS number	73398-61-5
Synonyms	Caprylic/Capric Triglyceride

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Concentrated aromatic and flavor ingredient which may be used in flavor and fragrance compounds according to legal and IFRA or FEMA GRAS/FDA guidelines.
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1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

This material does not meet the criteria for classification under Regulation (EC) No 1272/2008. Classification (67/548/EEC) this product is not dangerous according to REACH Regulation 1907/2006.

2.2 GHS Label elements, including precautionary statements

Not required.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None identified.

SECTION 3: Composition/information on ingredients

3.1 Components

Chemical name	Common name and synonyms	CAS number	Concentration
Caprylic/Capric Triglyceride	MCT Oil	73398-61-5	>99%

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

If inhaled Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

In case of skin contact Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.

In case of eye contact Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

If swallowed Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None expected, see Section 4.1 for further information.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide, Dry chemical, Foam.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions on safe handling

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Use personal protective equipment as required. Use in areas with adequate ventilation. Do not eat, drink, or smoke when using this product.

Hygiene measures

Use in accordance with good manufacturing and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Incompatibilities

Avoid contact with strong acids, alkalis, or oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

Not applicable.

8.2 Exposure controls

Appropriate engineering controls

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapor, this material should not require special engineering controls.

Personal protective equipment

Eye/face protection

Wear eye protection/face protection .

Skin protection

Wear protective gloves.

Body Protection

Wear protective clothing.

Respiratory protection

In conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimize exposure to personnel:

- a) Increase ventilation of the area with local exhaust ventilation.
- b) Personnel can use an approved, appropriately fitted respirator with organic vapor cartridge or canisters and particulate filters.
- c) Use closed systems for transferring and processing this material.

Control of environmental exposure

No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Clear/white oily
Odor	Odorless
Odor Threshold	Not determined
pH	Not determined
Melting Point/Range	< -20 °C
Boiling Point/Range	Not determined
Evaporation Rate	Not determined
Flammability (solid)	Not determined
Flammability or explosive limit	Product does not present an explosion hazard
Upper	
Lower	
Vapor Pressure	Not determined
Vapor Density	Not determined
Density	0.9300 - 0.9600 (relative)
Solubility	Not determined
Partition coefficient; n-octanol/water	Not determined
Autoignition Temp	Not determined
Decomposition Temp	Not determined
Viscosity	Not determined
Molecular Formula	N/A
Molecular Weight	N/A
VOC Content(%)	Not determined
Oxidizing properties	Not expected

9.2 Other safety information

None available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions

Not expected under normal conditions of use.

10.4 Conditions to avoid

Avoid extreme heat and incompatible materials.

10.5 Incompatible materials

Avoid contact with strong acids, alkalis, or oxidizing agents.

10.6 Hazardous decomposition products

Not expected.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/eye irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitization

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Chronic effects

Based on available data the classification criteria are not met.

11.2 Additional Information

Refer to Sections 2 and 3 for additional information.

SECTION 12: Ecological information**12.1 Toxicity**

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bio accumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Not available.

12.6 Endocrine disrupting properties

Not available.

12.7 Other adverse effects

Not available.

SECTION 13: Disposal considerations**13.1 Waste Disposal Methods**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14: Transport information**DOT (US)**

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

SECTION 15: Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not applicable.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)
Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous
See Section 2 for more information.

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act
Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
Not listed.

US state regulations

US. Massachusetts RTK - Substance List

Not listed.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

California Proposition 65

Not listed.

SECTION 16: Other information

Issue date: 01/08/2006

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SECTION 17: Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.