

### Product Technical Dossier

Product	COCONUT OIL (MCT) FRACTIONATED
CCL Product Code	P03351

#### Specification Details

	Specification	Method
Appearance	Clear mobile liquid	
Colour	Colourless or near colourless	
Aroma	Characteristic	
Flavour	Characteristic	
Viscosity at 20°C	25 – 33	
Physical status at 25°C	Liquid	
Colour (APHA)	Max 60	
Peroxide Value (meq O <sub>2</sub> /kg)	Max 1	
Hydroxyl Value (mg KOH/g)	Max 10	
Acid Value (mg KOH/g)	Max 0.1	
Saponification Value (mg KOH/g)	325 – 345	
Relative density at 20°C	0.930 – 0.960	
Refractive Index at 20°C	1.440 – 1.452	
Water content (%)	Max 0.1	

#### Microbiological Limits

Microbiological risk can be excluded as MCT OIL shows an aw-value of below 0.6. This value represents the limit of growth for microorganisms.

#### Heavy Metal Limits

This material complies with the Regulation 1881/2006/EC maximum permissible levels for Heavy Metals.

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## Additional Technical Information

Raw Material Full Botanical / Chemical Name	Medium Chain Triglycerides
Part Used	Coconut oil from Cocos nucifera
Solvent used	None
The material is Food Grade	Yes
Cultivated / Wild	Cultivated
Harvest Method	Manual and Mechanical
Harvest Period	n/a
Harvest Stage (age of the plant)	n/a
Country of Origin	South Asia, South America and Europe
Country of Manufacture	Germany
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
CAS Number	73398-61-5 / 65381-09-1
EC/EINECS Number	277-452-2 / 265-724-3
Shelf Life from Date of Manufacture	Minimum 2 Years (batch specific)
Suitable for Vegetarians?	Yes
Suitable for Vegans?	Yes
Storage Conditions	This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight.

## Composition Origin, Function and Percentages

Ingredients	Function	% composition	Source
Medium Chain Triglycerides	-	100%	Cocos nucifera

## Main Fatty Acids Profile

Acid name	C-Chain	Range (%)
Caproic	C6:0	0 - 0.5
Caprylic	C8:0	50 – 80
Capric	C10:0	36 – 47
Lauric	C12:0	0 - 1.5
Myristic Acid	C14:0	<0.5

## Typical Nutritional Data

Test	Value per 100g
Energy kJ / Kcal	3765.6 kJ / 900 Kcal
Fat (g)	100
-Of which Saturates (g)	100
Carbohydrate (g)	0
-Of which Sugars (g)	0
Fibre (g)	0
Protein (g)	0
Salt (g)	0

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Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

The allergen information is supplied by the manufacturer, we have not tested for each individual allergen to ensure they are not present. The information given is based on a documented risk assessment and is accurate to the best of our knowledge. If you intend to make a voluntary "free from" claim on your pack, additional testing may need to be carried out. For technical and labelling guidance you should always speak to the competent authority for the market or member state in which the final products are placed.

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Registered in England No: 3590758 VAT No: GB 711 6598 32

Registered office: 203 Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NX, UK.

Allergens	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross- contamination? YES/NO or N/A
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	
Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia)</i>	No	No	
Sesame Seeds and Sesame Seed Derivatives	No	No	
Milk and Milk Derivatives (including lactose)	No	No	
Egg and Egg Derivatives	No	No	
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, furo, freekeh, spelt, kamut, rye, oats, barley, barleygrass)</i>	No	No	
Soya and Soya Derivatives	No	No	
Lupin and Lupin Derivatives	No	No	
Mustard and Mustard Derivatives	No	No	
Celery or Celery Derivatives (including Celeriac)	No	No	
Fish and Fish Derivatives	No	No	
Molluscs and their Derivatives	No	No	
Crustaceans and their Derivatives	No	No	
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	

Additives / Contaminants / Dietary Requirements / Intolerances	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross- contamination? YES/NO or N/A
Additives / E Numbers	No	No	
Antioxidants	No	No	
Ethylene Oxide	No	No	
Gelatine	No	No	
Flavourings (Artificial / Nature Identical / Natural /Smoked)	No	No	
Maize / Corn and any Derivatives	No	No	
Legumes / Pulses	No	No	
Rice and Rice Derivatives	No	No	
Added Salt	No	No	
Added Sugar / artificial or natural sweeteners	No	No	
Aspartame	No	No	
BHA / BHT (E320 / E321)	No	No	
Caffeine	No	No	
Colours (Artificial / Nature Identical / Natural /Smoked)	No	No	
Dextrose	No	No	
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	Yes	Glycerol used for production is derived from rapeseed oil
Kiwi fruit	No	No	
Polyols (sugar alcohols)	No	No	
grape fruit	No	No	
Sorbic Acid (E200, E203)	No	No	
Any other Preservatives	No	No	
Ethanol	No	No	
Honey	No	No	
Lactose	No	No	
Yeast and Yeast Derivatives	No	No	
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	

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Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)

No

No

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## Statements

<p><b>Confirmation of BSE / TSE Status</b> This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.</p>	Yes
<p>This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.</p>	Yes
<p><b>Confirmation of GM Status</b> This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under current regulations.</p>	Yes
<p><b>Confirmation of Non-Irradiation Status</b> This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives.</p>	Yes
<p><b>Confirmation of Nandrolone Status</b> This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.</p>	Yes
<p><b>Confirmation of IOC Product Status</b> This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee) and or WADA.</p>	Yes
<p><b>Confirmation of Animal Testing Status</b> This is to certify that all the products sold by Cambridge Commodities have not been tested on animals in any part of its manufacture in accordance with current regulations.</p>	Yes
<p><b>Confirmation of Pesticides Status</b> This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p><b>Confirmation of Nanoparticles Status</b> This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation, defines as follows: "'Nanomaterial' means a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm".</p>	Yes
<p><b>Packaging Status</b> We hereby certify that the packaging used in the above-mentioned material conforms to EU regulations and subsequent amendments on food grade packaging</p>	Yes
<p><b>Confirmation of PAH status</b> This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations</p>	Yes

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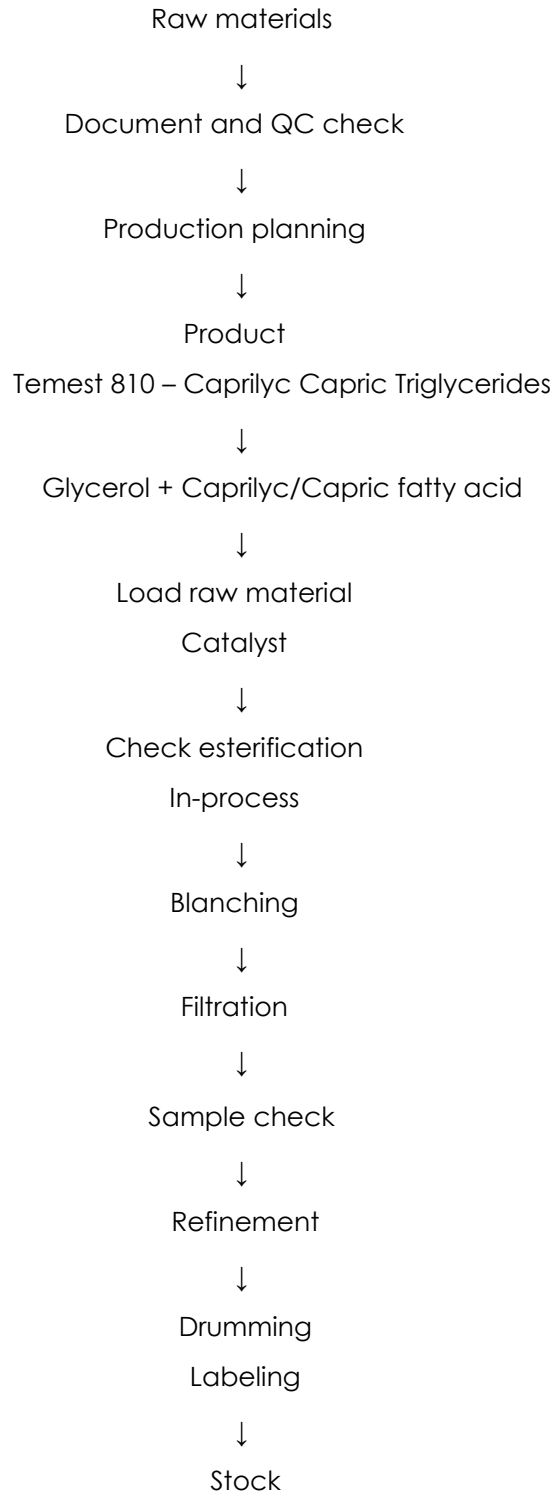
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Product Flow Chart



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## Material Safety Data Sheet

To download this product's material safety data sheet, please click [here](#) and search for the Cambridge Commodities product code. If there is no MSDS available, please follow the on-screen instructions to request one.

The Information provided in this document is subject to change and the batch specific certificate of analysis should always be referenced.

To be used as per local legislation.

### Change History

Version	Change	Customer Notification required Yes / No
1	This version of Technical Dossier supersedes the version 7 specification of this material. Flow chart, harvest details, food intolerance data and compliance statements have been added to this document. CAS number has been amended to correct a clerical error, country of origin, colour value (APHA), C14 limit have been updated.	Yes

### Document Approval

Originator	Approver

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