

**PRODUCT TECHNICAL DOSSIER**

**MCT OIL POWDER 65-70%**

**Product Code:**

P0425

**Raw Material Full Name:**

Medium Chain Triglyceride Oil Powder 65-70%

**This material is Food Grade:**

Yes

**Vegan / Vegetarian Status:**

Suitable for Both

**Solubility in Water:**

Soluble

**Particle Size:**

40 Mesh

**Percentage passed through:**

100%

**Loss on Drying:**

Max 5%

**Country of Origin:**

Malaysia, Netherlands, Belgium & China

**Country of Origin of the Manufacture:**

UK

**Origin of Product – Synthetic, Plant, Mineral, Animal, Fish or Fermented:**

Plant & Synthetic

**Material is:**

Emulsion of MCT spray dried into powder, protected against oxidation using food grade antioxidants.



**Compound Ingredients Origin, Function and Percentages:**

65-70% MCT (Medium Chain Triglycerides) from coconut, Country of origin – Malaysia

25-30% Modified Starch (E1450) from waxy maize, Country of origin - Netherlands, Function – Carrier.

<5% Mixed Tocopherols (Synthetic DL Alpha Tocopherols), Country of origin – Belgium, China, Function – Antioxidant.

<5% Ascorbyl Palmitate Powder (Extracted from Palm), Country of origin – Belgium, Function – Antioxidant.

**Shelf Life from Date of Manufacture:**

12 Months

**Storage Conditions:**

Dry, ambient, away from sources of heat, UV light and humidity.

**Appearance (Fine/Crystals/Crystalline/Hygroscopic):**

Powder

**Colour:**

White to Off-White

**Flavour/Taste:**

Characteristic

**Odour:**

Characteristic

**Microbiological Test**

**Total Viable Count:**

Max 1,000cfu/g

**Yeast & Moulds:**

Max 200cfu/g

**E. coli:**

Negative

**Salmonella:**

Negative



## Heavy Metals

**Lead (Pb):**  
Max 3ppm

**Cadmium (Cd):**  
Max 1ppm

**Mercury (Hg):**  
Max 0.1ppm

**Arsenic (As):**  
Max 1ppm

There are no nuts in this recipe; however, we cannot guarantee that the raw materials entering the site are nut free.

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



ALLERGENS	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	
Other Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoiesis (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	
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	No	
Milk and Milk Derivatives (including lactose)	No	Yes	No risk of cross-contamination
Egg and Egg Derivatives	No	No	
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)</i>	No	Yes	No risk of cross-contamination
Soya and Soya Derivatives	No	Yes	No risk of cross-contamination
Lupin and Lupin Derivatives	No	No	
Mustard and Mustard Derivatives	No	Yes	No risk of cross-contamination
Celery or Celery Derivatives (including Celeriac)	No	Yes	No risk of cross-contamination
Fish and Fish Derivatives	No	Yes	No risk of cross-contamination
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	Yes	No risk of cross-contamination



ADDITIVES / CONTAMINANTS / DIETARY REQUIREMENTS	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Additives	No	No	
Antioxidants	Yes	Yes	Compound ingredient
Ethylene Oxide	No	No	
Gelatine	No	No	
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	No	
Maize / Corn and any Derivatives	Yes	Yes	Compound ingredient
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	
Dioxins	No	No	
MSG (Added and Naturally Occurring E621) or Glutamates (E620 to E625)	No	No	
Nucleotides (E627, E630, E631, E635)	No	No	
Polyols (sugar alcohols)	No	No	
Benzoates (E210 / E219)	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	
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	



**NUTRITIONAL DATA (Based on calculation)**

Test	Calculated Value per 100gm
Energy Kcal	718.1 Kcal
Fat (g)	68.5
- Of which saturates (g)	68.4
Carbohydrate (g)	24.7
Protein (g)	0.7



**CONFIRMATION OF BSE/TSE STATUS**

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.

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.

**CONFIRMATION OF GM STATUS**

This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

**CONFIRMATION OF NON IRRADIATION STATUS**

This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/3/EC.

**CONFIRMATION OF NANDROLONE STATUS**

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.

**CONFIRMATION OF IOC PRODUCT STATUS**

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.

**CONFIRMATION OF ANIMAL TESTING STATUS**

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 regulation 86/609/EEC.

**CONFIRMATION OF PESTICIDES STATUS**

This is to certify that the above-mentioned product complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.

**CONFIRMATION OF NANOPARTICLE STATUS**

This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation 2011/696/EU, 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".



## MATERIAL SAFETY DATA SHEET

### Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product name: MCT Oil Powder 65-70%  
Company: Cambridge Commodities Limited  
Lancaster Way, Ely, Cambridgeshire, CB6 3NX  
Tel: 01353 667258. Email: qa@c-c-l.com

### Section 2 Hazards Identification

Precautionary Statements:  
P232: Protect from moisture  
P234: Keep only in original container

### Section 3 Composition/Information on Ingredients

Component	CAS No / EC No	Reg (EC) No 1272/2008	Percentage
MCT (Medium Chain Triglycerides)	65381-09-1/733398-61-5	-	Max 70%
Modified Starch	-	-	Max 30%
Ascorbyl Palmitate Powder	205-305-4	R52/53	Max 5%
DL-Alpha Tocopherols	10191-41-0/ 233-466-0	Vitamin E	Max 5%

### Section 4 Emergency and First Aid Measures

General: Take phrases in sections 2 and 15 into account  
Inhalation: Remove from the exposure area to fresh air. Contact a doctor if necessary.  
Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Wash mouth with plenty of water. Consult a physician.  
Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.  
Eye Contact: Rinse thoroughly with plenty of water and seek medical advice if necessary.

### Section 5 Fire-fighting measures

No Information available





## Section 6 Accidental Release Measures

Personal precautions, protective equipment: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours mist or gas. Ensure adequate ventilation. Remove all sources of ignition Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions: Do not discharge directly into drains or the soil. Keep away from surface and ground water.

Reference to other sections: Take Risk, Safety and Precautionary phrases (section 16) into account

## Section 7 Handling and Storage

Precautions for safe handling: Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

Safe storage, incl. incompatibilities: Store in tightly sealed original containers away from ignition sources and in a cool place.

Specific end use(s): Food ingredient, no other specific uses are stipulated.

## Section 8 Exposure Controls/Personal Protection

Exposure Controls: Maintain adequate ventilation.

Hand Protection: Wear chemically resistant disposable gloves.

Eye Protection: Wear safety goggles.

Skin Protection Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

## Section 9 Physical and Chemical Properties

Colour: White to Off-White

Appearance: Powder

## Section 10 Stability and Reactivity

Conditions to avoid: Extreme temperatures.

Incompatible materials: Highly reactive chemicals.

## Section 11 Toxicological Information

No information available.

## Section 12 Ecological Information

Avoid soil, surface water and water-bearing stratum contamination.

### Section 13 Disposal Considerations

Dispose in accordance with the law and local regulations. Treat as trade effluent.

### Section 14 Transport Information

Not hazardous for transport

### Section 15 Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture: This safety data sheet complies with the requirements of Regulation (EC) No 1272/2008

### Section 16 Other Information

This advice is given by Cambridge Commodities Ltd who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.

This 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.

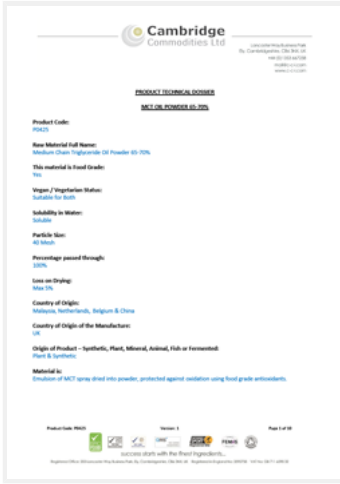
### Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A

### Document Approval

Originator Job Title	QC Team Leader	Approver Job Title	Quality Specialist
<i>Ash Bean</i> Ash Bean (Jun 23, 2017)		<i>Casey White</i> Casey White (Jun 23, 2017)	











# P0425 - MCT Oil Powder 65-70% - Technical Dossier

Adobe Sign Document History

06/23/2017

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