

**COCONUT OIL FRACTIONATED – SAFETY DATA SHEET****SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING****PRODUCT IDENTIFIER**

Product name	Coconut Oil Fractionated
Synonyms / Trade Name	Medium Chain Triglyceride, MCT. Filcoco MCT 60/40. Caprylic/Capric Triglyceride

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale, Auckland 1026 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

**EMERGENCY TELEPHONE NUMBER**

CHEMCALL	0800 CHEMCALL / 800 243 622 (24hr)
Emergency telephone numbers	111
Others	NZ Poisons Centre 0800 POISON (0800 764 766)

**SECTION 2 HAZARDS IDENTIFICATION**

Classification of the substance mixture: Product is non-hazardous

Label Elements

Pictograms: No symbol required

Signal words: Non-hazardous

Hazards Statement (s): Not applicable

Hazards Identification: Not classified/target organs

Eye contact: May cause mild irritation.

Skin contact: Unlikely to be irritant except for sensitive individual

Inhalation: Not applicable at ambient temperature. HOT vapor may cause irritation.

Ingestion: Unlikely to be harmful unless excess amount swallowed.

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical description	CAS No.	EINECS No.
Glycerol tricaprilate and tricaprinate mixture	65381-09-1	265-724-3

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

After eye contact: May cause mild irritation.

After skin contact: Unlikely to be irritant except for sensitive individual

After inhalation: Not applicable at ambient temperature. HOT vapor may cause irritation.

After ingestion: Unlikely to be harmful unless excess amount swallowed.

**SECTION 5 FIREFIGHTING MEASURES**

Suitable Fire Fighting Agents: Water spray, dry chemical, CO<sub>2</sub>, appropriate foam or powder. Water maybe ineffective but should be used to keep fire-exposed containers cool and to flush spill away from fire. Unsuitable extinguishing media: Do not use water jet

Specific hazards arising from the chemical: Combustible. Thermal decomposition will evolve irritant gasses or vapors.

Special protective equipment for fighters: Use self-contained breathing apparatus, full protective clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Measures required for personal protection and protective equipment:

Avoid contact with eyes. Avoid inhalation of vapors. Ensure supply of fresh air in enclosed rooms. Remove contaminated clothing and wash hands between breaks at the end of duty hours. Locate eye washes and emergency showers in all works and storage area.

Measures required environment protection: Minimize discharge to sewerage system.

Clean-up and removal methods: Absorb liquid spillage with inert material (sand, vermiculite or fuller's earth) transfer the absorbent it into suitable labeled container for disposal at approved site. Residues maybe washed away with water and detergent.

Other Information: Spillages or uncontrolled discharges into water courses must alerted to the appropriate regulatory body.

## SAFETY DATA SHEET

**SECTION 7 HANDLING AND STORAGE**

Precautions for safe handling: No specific protective measures are required. The usual precautions for handling chemicals should be observed.  
Condition for Safe Storage: Store in tightly closed container at cool dry place.

Others: Avoid elevated temperature.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering Controls: Ensure adequate ventilation or local exhaust if formation of vapor occurs.

Occupational exposure limit: No exposure limit has been established.

Personal protective equipment.

Respiratory protection: Respirator is required when vapors are generated.

Eye contact: Chemical safety goggles or plastic face shield.

Hand Protection: Suitable protective gloves

Skin and Body: Wear appropriate clothing.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Form	See product spec.	Density	0.940 g/cm <sup>3</sup> (20oC)
Colour	See product spec.	Vapor Pressure	<1 hPa (20o C)
Odour	See product spec.	Water Solubility	Insoluble at 20°C
Melting Point	< -5°C	Viscosity	30 mPa.s (20o C)
Boiling Point	> 200 °C	Flammability	Not available
Flash point	240-260oC (COC)	Oxidizing Properties	Not available

**SECTION 10 STABILITY AND REACTIVITY**

Chemical Stability	Stable under normal condition
Conditions to avoid	Excess heat
Substances to avoid	Incompatible materials such as oxidizing agents and bases.
Hazardous decomposition products:	Thermal decomposition will evolve irritant vapor, toxic, acrid fumes And gases, CO and CO <sub>2</sub> .
Hazardous polymerization:	Has not been reported

**SECTION 11 TOXICOLOGICAL INFORMATION**

Acute toxicity: No data

LD50 Oral Rat: > 2g/kg

Draize test (eye, rabbit): Non irritating

Sub-acute to chronic toxicity

Sensitization: No sensitizing effect (guinea pig)

Further toxicological information

Skin irritation: Non irritating (rabbit)

Eye irritation: Non irritating (rabbit)

Further data; urther hazardous properties cannot be excluded. The product should be Handled with the care usual with chemical.

## SAFETY DATA SHEET

### SECTION 12 ECOLOGICAL INFORMATION

Persistence and Degradability: Readily biodegradable  
Ecotoxicity LC<sub>50</sub>: > 100 mg/l (fish: 96hr)  
EC<sub>50</sub>: > 100 mg/l (Pseudomonas putida: 48hr)

### SECTION 13 DISPOSAL CONSIDERATION

Product: Reuse/recycling of waste highly recommended. Controlled incineration or disposed of where permitted according to local legislation.

Packaging: Disposed of in compliance with the country-specific regulations

### SECTION 14 TRANSPORT INFORMATION

Not considered dangerous according to ADR, RID, MIO, and IATA.  
IMO/IMDG Code: Class: Not relevant      Packing Group: Not relevant      UN Number: None

### SECTION 15 REGULATORY INFORMATION

Hazard symbol (s) : None  
Risk phrase (s) : None  
Safety phrase (s) : None  
Inventory Status:  
Australia : AICS  
Canada : DSL  
China : SEPA/Firs Import  
EU : EINECS  
Japan : ENCS (2 -669)  
Korea : ECL (09452)  
Philippines : PICCS  
Switzerland : "BAG T" No. /"Giftklasse": 611500/\*frei\*  
USA : TSCA-CSI

### SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Version: 00 Revision Date: 14/ 11/ 2019: PIL SA070 SDS 002018, New issue.  
Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.