

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

**1.1. Product Identifier**

**Product Name**

: Medium Chain Triglyceride (MCT 60/40 & MCT 70/30)

**Synonyms**

: Caprylic/Capric Triglyceride

**1.2. Recommended use**

Personal care ingredient and food product.

**1.3. Details of the supplier of the safety data sheet**

PT. DOMAS AGROINTI PRIMA

Site Office

: Access Road Inalum KM. 15, Kuala Tanjung – Batubara  
North Sumatera – INDONESIA

Telp. : (+62-0622) 620329, 620331

Fax. : (+62-0622) 620327

Website : [www.bakrieoleo.com](http://www.bakrieoleo.com)

**1.4. Emergency Phone Number**

Emergency Telephone

: (+62-0622) 620329, 620331

### Section 2. Hazard Identification

**2.1. Hazard Classification of the Substance or Mixture**

**Physical Hazard:**

Causes irritation when in contact with eyes and skin

**Health hazard:**

Not classified

**Environmental hazard:**

Not classified

**2.2. Signal Word**

None

**2.3. Hazards Statement**

None

**2.4. Precautionary Statement**

**Prevention:**

Wear protective gloves, protective clothing and eye and face protection.

**Response:**

None

**Storage:**

Store in an airtight container

**Disposal:**

None

**2.5. Hazard Pictogram**

None

### Section 3. Composition/Information on Ingredients

#### **Composition/ Ingredient**

Chemical Name	: Caprylic/ Capric Triglyceride
CAS Number	: 73398-61-5
EU Number	: 277-452-2

### Section 4. First Aid Measure

#### **4.1. First aid measures for different exposure routes**

##### **Eye contact:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

##### **Skin contact:**

Wash off immediately with soap and plenty of water.  
Remove contaminated clothing and wash it before using it again.

##### **Inhalation:**

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.

##### **Ingestion:**

Get medical attention. Do NOT induce vomiting.

##### **Main Symptoms:**

No information available.

#### **4.2. Indication of immediate medical attention and special treatment needed, if necessary**

##### **Notes to Physician**

Treat symptomatically.

### Section 5. Fire-Fighting Measures

#### **5.1. Suitable extinguishing media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Water spray or fog.

#### **5.2. Extinguishing media which shall not be used for safety reasons**

Do NOT use water jet.

#### **5.3. Special hazard**

May emit toxic fumes under fire conditions. Explosive when mixed with oxidizing substances.

#### **5.4. Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit

#### **5.5. Protective equipment and precautions for firefighters**

Evacuate area.

### Section 6. Accidental Release Measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:**

Wear personal protective clothing (see section 8). Evacuate non-essential personnel.

**Environmental precautions:**

Keep out of drains, sewers, ditches and waterways.

#### 6.2. Methods and materials for containment and cleaning up

**Methods for containment:**

Dike to collect large liquid spills.

**Methods for cleaning up:**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

### Section 7. Handling and Storage

#### 7.1. Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

#### 7.2. Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

### Section 8. Exposure Controls/Personal Protection

#### 8.1. Exposure Guidelines

Additional information about design of technical facilities, no further data.

#### 8.2. Engineering Measures

Use with local exhaust ventilation. Mechanical - may be necessary if working at elevated temperatures or in enclosed areas.

#### 8.3. Personal Protective Equipment

**General information**

Use personal protective equipment as required.

**Eye Protection:**

Wear safety glasses with side shields (or goggles).

**Hand Protection:**

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC glove

**Skin and Body Protection:**

Wear protective gloves and protective clothing.

**Respiratory Protection:**

None under normal use conditions. In case of inadequate ventilation wear respiratory protection..

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash hands thoroughly after handling.

### Section 9. Physical and Chemical Properties

Form	: Liquid
Colour	: Colourless - Yellowish
Odour	: Specific type
<b>Change in condition</b>	
Melting Point, °C	: < -5
Cloud Point, °C	: < -5
Boiling Point, °C	: > 300
Flash Point, °C	: > 220
Danger of explosion	: Product does not present an explosion hazard
Density (g/cm <sup>3</sup> ) (20 °C)	: 0.95
Vapor pressure (20 °C)	: < 0.00001 hPa
Viscosity, dynamic (mPas) (20 °C)	: 27 - 33
Solubility in/miscibility with water at 20 °C	: < 0.001 g/L

### Section 10. Stability and Reactivity

**Thermal decomposition/condition to be avoided:**

No decomposition if used according to specifications

**Dangerous reactions:**

No dangerous reactions known.

**Dangerous decomposition product:**

No dangerous decomposition product known

### Section 11. Toxicological Information

**Acute toxicity:**

LD/LC50 values relevant for classification

Oral LD50 > 5000 mg/kg (rat)

Dermal LD50 > 2000 mg/kg (rat)

Inhalative LD50 > 1.86 ppm (rat)

**Primary Irritant Effects**

**On the skin:** No irritant effect

**On the eye:** No irritant effect

**Sensitization:** No sensitizing effects known

### Section 12. Ecological Information

Aquatic Toxicity: No toxic effects were observed below the water solubility

EC50: > 0.45 mg/l (alga) (OECD 201)  
> 100 mg/l (daphnia) (OECD 202)

LC0: > 53 mg/l (fish) (OECD 203)

NOEC (long term): > 0.45 mg/l (alga) (OECD 201)  
> 0.01 mg/l (daphnia) (OECD 211)

Persistence and Degradability:	Easily biodegradable
Method:	OECD 301B
Degree of Elimination:	95%
Classification:	Readily biodegradable
General notes:	Generally not hazardous for water

### Section 13. Disposal Considerations

**Product Recommendation:**

Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Smaller quantities can be disposed of with household waste.

**Uncleaned Packaging Recommendation:**

Disposal must be made according to official regulation.

### Section 14. Transport Information

**Sea transport IMDG:**

Not classified

**Land transport ADR/RID (cross-border):**

Not classified

**Air transport ICAO-TI and IATA-DGR:**

Not classified

**Not dangerous according to the above specifications**

### Section 15. Regulatory Information

**Labeling to according to EU guidelines:**

The product is not subject to classification according to EU list and other sources of literature known to us

**Code letter and hazard symbol:**

Not applicable

**Risk Phrases:**

Not applicable

**Safety Phrases:**

Not applicable

**WGK water endangering class:**

nwg (not hazardous to water)

### Section 16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**End of SDS**

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