



## SAFETY DATA SHEET

### Hydrogenated Coconut Oil

#### SECTION 1: IDENTIFICATION

<b>Supplier:</b>	<b>Shay and Company 10639 SE Fuller Rd Milwaukie, OR 97222</b>	
<b>Emergency Phone Number:</b>	503-653-1155	

**Trade Name:** Hydrogenated Coconut Oil  
**Chemical type:** Mixed triglycerides  
**Definition/Botanical Origin:** Cocos nucifera  
**CAS Number:** 84836-98-6  
**Classification /Product Use:** Edible Vegetable Fat

#### SECTION 2: HAZARDS IDENTIFICATION

##### Route of Entry

**Eye Contact:** None Known  
**Skin Contact/Absorption:** None Known  
**Ingestion:** None Known  
**Inhalation:** None Known  
**Effects of Acute Exposure:** None Known  
**Effects of Chronic Exposure:** None Known  
**Irritancy:** None Known  
**Sensitization:** None Known  
**Carcinogenicity:** Not Applicable  
**Reproductive Toxicity:** Not Applicable  
**Teratogenicity:** Not Applicable  
**Mutagenicity:** Not Applicable  
**Toxicological synergistic products:** None Known

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:** Refined Bleached and Deodorized Coconut Oil  
**Hazardous Ingredients:** None

#### SECTION 4: FIRST-AID MEASURES

##### Emergency & First Aid

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**Eyes:** Flush thoroughly with water. If necessary, seek medical treatment.  
**Skin:** Wash with soap and water. If necessary, seek medical treatment.  
**Ingestion:** Rinse mouth with warm water.  
**Inhalation:** Remove from area of exposure. If necessary, seek medical treatment.

#### **SECTION 5: FIRE FIGHTING MEASURES**

**Flammability:** Combustible in presence of flame  
**Flash Point:** Above 200 °C (392 °F)  
**Hazardous Combustion Products:** Carbon Monoxide, Soot, Smoke  
**Extinguishing Media:** Dry powder, foam, carbon dioxide.  
**Fire Fighting Methods:** DO NOT USE WATER TO EXTINGUISH. Wear self-contained breathing apparatus and other protective clothing. Treat as oil (edible fat) fire.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

##### **Steps to be taken in case of spill or leak**

**Personal precautions:** Note that spillages may cause slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.  
**Environmental precautions:** Keep away from drains, soils, surface & ground waters.  
**Clean up methods:** Remove all potential ignition sources. Contain spilled material, cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents.

#### **SECTION 7: HANDLING & STORAGE**

##### **Precautions to be taken in Storage and Handling**

**Handling:** Apply good manufacturing practice & industrial hygiene practices.  
**Storage:** Store in a cool and dry area away from sources of heat and flame. Keep air contact to a minimum.

#### **SECTION 8: EXPOSURE CONTROLS**

##### **Personal protections**

**Exposure Limit:** No exposure limit has been established.  
**Specific Engineering Controls:** Not required  
**Eye Protection:** Not required, to avoid contact wear eye protection.  
**Skin Protection:** Not required, to avoid contact wear long sleeve work shirt, work pants and gloves.  
**Respiratory Protection:** Not required  
**General Hygiene:** Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before

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eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes or contact with this material.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Solid

**Odor and Appearance:** white

**Odor threshold:** Not Applicable

**Specific gravity (H<sub>2</sub>O = 1):** Not Determined

**Vapor Pressure:** Not Applicable

**Vapor Density:** Not Applicable

**Evaporation Rate:** Not Applicable

**Boiling Point:** Not Applicable

**Freezing Point:** Not Applicable

**pH:** Not Determined

**Melting point (°C):** 30-34

**Coefficient water/oil distribution:** Insoluble in water, soluble in hydrocarbons

#### **SECTION 10: STABILITY & REACTIVITY**

**Stability:** Generally stable

**Reactivity:** It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

**Hazardous decomposition:** CO, CO<sub>2</sub>

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

The product is considered non-toxic

**General Acute and Chronic:** No information available

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Elimination (persistency and degradability):** Biodegradable

**Eco-toxicity:** Not available

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste disposal methods:** Observe all local, state and federal regulations.

#### **SECTION 14: TRANSPORT INFORMATION**

Transportation should take into consideration the food grade nature of the product.

#### **SECTION 15: REGULATORY INFORMATION**

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**WHMIS CLASSIFICATION:** Uncontrolled

**SECTION 16: OTHER INFORMATION**

All statements, technical information and recommendations contained herein are based on information which we believe to be reliable. The accuracy and completeness of such information are not warranted or guaranteed. We cannot anticipate all conditions under which this information or our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations or from the failure to follow instructions, warnings and advisories in the product label or Safety Data Sheet.

*The information contained in this bulletin is to the best of our knowledge true and accurate.*

*Any recommendation or suggestion made is without warranty or guarantee since the condition of use is beyond our control.*

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