



Plant's Power Inc  
3-2700 St.Clair Ave west  
Toronto, Ontario, M6N 1M2  
Contact: 1-416-766-1254

## Material Safety Data Sheet Coconut Oil – Extra Virgin, Organic

### Section 1: Product and Company Identification

Product Name: Coconut Oil Extra Virgin-Organic

Botanical Name: *Cocos nucifera*

INCI Name: Cocos nucifera (Coconut) Oil

CAS No.: 8001-31-8

EINECS No.: 232-282-8

#### Contact information:

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| Plant's Power Inc<br>3-2700 St.Clair Ave west<br>Toronto, Ontario<br>M6N 1M2<br>Contact: 1-416-766-1254<br><a href="http://www.PlantPower.ca">http://www.PlantPower.ca</a><br><a href="mailto:contactus@plantpower.ca">contactus@plantpower.ca</a> | 24 HOUR EMERGENCY TELEPHONE<br>NUMBER: (613)-996-6666 CANUTEC |
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### Section 2: Composition and Information on Ingredients

Composition:

Vegetable Oil Triglycerides                      100% from coconut

Hazardous Components:                      None

CAS No.: 8001-31-8

### Section 3: Hazards Identification

Emergency Overview:                      No specific warnings for normal condition usage.

Potential Health Hazards and First Aid:

Eyes:                      Foreign material in the eye may not cause a toxic reaction, but injury from a foreign body may occur. In such cases, the patient should be observed for eye irritation and should seek medical assistance if irritation becomes significant. Skin:

Skin:                      Foreign materials spilled on the skin may not represent a toxic or irritation hazard in small quantities, but may produce adverse effects if applied or exposed in large quantities or if used over a significant period of time. Whenever possible, foreign materials should be removed from the skin with simple washing. Should skin

Inhalation: irritation or erythema occur, a patient may wish to seek medical assistance. NONE is a food.

Ingestion: Small amounts are not anticipated to be harmful. Even though a substance may be considered non-toxic for the amount ingested or packaged, it should not be considered as non-toxic in any amounts. Even ingestion of various foodstuffs can cause adverse symptoms if large amounts are eaten. The most important fact to remember is to treat the patient not the poison, especially when the diagnosis is unknown. Knowing that the product is listed as non-toxic helps avoid over-treating the patient or being over zealous in getting a patient to professional medical care. If there is a question of simultaneous ingestion of a product, which may be more dangerous, the management of the more toxic agent should be consulted.

HMIS Ratings: Health – 0  
Flammability – 1  
Physical Hazard – 0

#### **Section 4: First Aid Measures**

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and flush with plenty of water.

Ingestion: Contact Physician if discomfort is encountered.

Inhalation: Remove to fresh air and seek medical attention.

Medical Conditions generally

Aggravated by Exposure: Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

#### **Section 5: Fire and Explosion**

Flash Point (Method Used): 180°C (direct ignition)

Flammable Limits

LEL: Not established

UEL: Not established

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Special Firefighting Procedures: Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. DO NOT USE WATER TO EXTINGUISH. Cool containers exposed to flame with water. Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires. DO NOT USE WATER TO EXTINGUISH.

Unusual Fire & Explosion Hazards: As with all unsaturated fats and oils, some porous materials

such as rags, paper, insulation or clay when wetted with this product may undergo spontaneous combustion. Keep such wetted materials well ventilated to prevent possible heat build up.

Hazardous Decomposition  
Materials:

Carbon oxides; CO, CO<sub>2</sub>

## Section 6: Accidental Release Measures

Methods for Cleaning Up: Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Floors will be slippery; take precautions.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if product enters waters.

## Section 7: Handling and Storage

Handling

Safe Handling: Avoid direct or prolonged contact with skin and eyes.  
Avoid breathing oil mist.

Precautions For Safe Handling And Use

Spillage: Use sawdust or any absorbent material to contain spillage.

Waste Disposal

Method: May be recycled as secondary (light) lubricant or soap ingredient or simply dispose in regular waste dumpsite. If absorbent material used is organic, soaked material maybe used as ingredient or component in the production of organic fertilizers.

Prevent spilled oil from flowing into rivers, lakes or similar bodies of water. Excessive amounts of oil may be harmful to living organisms found in water streams.

Handling: Bulk lifting equipment recommended for safe unloading.

Take notice of unloading instructions posted on the container doors before opening.

Other Precautions: In-house storage preferable to ensure preservation of quality. Fold-up and safe keep flexitanks as instructed. Open valves slowly to avoid oil surging which might cause spillage.  
Wash oil stains with detergent when necessary.

Protective Clothing  
and Gadgets:

Bulk lifting equipment (forklifts or top-lifts) recommended for safe unloading.

Storage

Requirements for Storage

Areas and Containers: Store in an area that is cool, dry, and well-ventilated.

## Section 8: Exposure Controls/Personal Protection Engineering

**Introductory Remarks:** These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance to the section entitled Disposal Considerations.

**Exposures Guidelines:** Engineering controls are usually not necessary if good hygiene practices are strictly followed. Respiratory protection is generally not required during normal operations. Wear the following to prevent skin contact: work pants, long sleeve work shirt, and work gloves. Where there is the danger of eye contact, wear splash proof goggles.

**Threshold Limit Value:** Liquid: None; Oil Mist: 10 mg/m; total particulate. Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

**Work Practice Controls:**

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

## Section 9: Physical and Chemical Properties

|  |                                |
|--|--------------------------------|
| Physical State:                          | Solid oil                      |
| Color:                                   | Creamy white                   |
| Odor:                                    | Characteristic, bland, coconut |
| Vapor Pressure (mm Hg.):                 | N/A                            |
| Vapor Density (AIR = 1):                 | >1                             |
| Boiling Point:                           | N/A                            |
| Melting Point:                           | 24-26°C                        |
| Cloud Point:                             | 21-23°C                        |
| Specific Gravity (H <sub>2</sub> O = 1): | 0.89390                        |
| Saponification Value:                    | 255-263                        |
| pH:                                      | 5-8                            |
| Solubility in Water:                     | Insoluble                      |
| Water Reactive:                          | No                             |

## Section 10: Stability and Reactivity

Stability: This material is stable under normal conditions described in that section.

Incompatibility  
(Materials to Avoid): None

Conditions to Avoid: None

Hazardous  
Decomposition: CO, CO<sub>2</sub>

Hazardous Polymerization: Will Not Occur

## Section 11: Toxicological Information

Reproductive Toxicity: No adverse effects on reproduction are known.

Skin Contact: Non-irritating.

Eye Contact: Possible irritation should be prevented by wearing safety glasses.

## Section 12: Ecological Information

Ecotoxicity: Avoid any pollution of ground, surface or underground water.

Persistence and Degradability: Not available.

Bio-accumulative Potential: Not available.

Mobility in Soil: Not available.

## Section 13: Disposal Considerations

Waste Disposal Methods: Chemical additions, processing or otherwise altering this material may make the waste management information present in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

## Section 14: Transport Information

This material is not considered hazardous for transport.

DOT Classification: Not Regulated - Not Dangerous Goods

ADR/RID: Not Regulated - Not Dangerous Goods

IATA: Not Regulated - Not Dangerous Goods

IMDG: Not Regulated - Not Dangerous Goods

## Section 15: Other Regulatory Information

WHMIS Classification: Not WHMIS controlled.

## **Section 16: Other Information**

### **Disclaimer:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Plant's Power has been advised of the possibility of such damages.

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