

SAFETY DATA SHEET  
Creation Date: 6-2-2017

SECTION: 1.1 PRODUCT IDENTIFICATION

**Product Name:** PALM OIL  
**Recommended use:** Soap Making, Cosmetics, Edible Food Oil

SECTION: 1.2 COMPANY IDENTIFICATION

**Company:** Essential Depot Greener Life Essentials  
2029 US Hwy 27 S  
Sebring, Florida 33870  
**Phone:** 866-840-2495  
**Emergency Phone:** CHEMTREC, Inside the USA: **1-800-424-9300**

SECTION: 2. Hazard(s) identification

Palm Oil is Generally Recognized as Safe (GRAS) under US Federal Food, Drug, & Cosmetic Act – 21CFR 182.1

**GHS Hazard Classification:** This product is NOT classified as hazardous according to 29CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OSHA/GHS)

**GHS Label Elements:** No GHS labelling required

**Hazard Pictogram:** None

**Signal Word:** None

**Hazard Statement:** None

**Other Hazards):** None known.

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SECTION: 3. Composition/information on ingredients

Ingredient name	CAS #	EINECS #	Percent
PALM OIL	8002-75-3	232-316-1	>99%

**INCI Name:** Elaeis guineensis (Palm) Oil  
**Synonyms:** Palm Oil, Modified Palm Oil, Votated Palm Oil, Palm Based Shortening, Palm Butter

SECTION: 4. FIRST AID MEASURES

**Eyes:** Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

**Skin contact:** Skin

**Inhalation:** Immediately remove individual to fresh air. Seek medical attention.

**Ingestion:** If large amount ingested, seek medical attention. Do not induce vomiting.

SECTION: 5. FIRE FIGHTING MEASURES

Rags and/or other materials soaked with any solvent oily material may heat and spontaneously combust if exposed to air. Store materials in UL listed or FM approved covered container.

**Flash Point:** >500°F (260°C)

**Extinguishing Media:** Foam, Dry Chemical, CO<sub>2</sub> Do not use water.

**Fire Fighting Equipment:** Firefighters should use self-contained breathing apparatus and wear protective clothing.

**NFPA Ratings:**

NFPA Scale:	1 Red - Flammability
4- Extreme	0 Blue - Toxicity
3 - High	0 Yellow - Reactivity
2- Moderate	White - Special
1 - Slight	
0 - Insignificant	



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SECTION: 6. ACCIDENTAL RELEASE MEASURES

- Spills or Leaks:** Immediately isolate and contain oil. Keep unauthorized personnel away. Ensure adequate ventilation. Do not walk through spilled oil. Wear appropriate personal protection equipment. Eliminate all sources of ignition (no sparks, flame, flares, or smoking).
- Small Spills:** Absorb with earth, sand, or other non-combustible material. Transfer clean-up materials to a proper covered container for later disposal.
- Large spills:** Dike ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements, or confined areas.
- Caution:** Surfaces may be slippery after spillage. Wear slip-resistant shoes. Oil soaked materials may spontaneously combust. Store in UL listed or FM approved covered container until disposal.

SECTION: 7. HANDLING AND STORAGE

- Handling:** Good manufacturing hygiene practices should be followed.
- Storage:** Store in dry, odor-free environment, away from flame, fire, excessive heat, and strong oxidizers.

SECTION: 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Eye:** Safety glasses or chemical goggles may be worn.
- Skin:** Gloves should be worn.
- Respiratory:** None required under normal conditions.
- Ventilation:** Use adequate ventilation. A mechanical exhaust system may be used.
- Other:** Slip resistant shoes where spills may occur.
- Hygiene Practice:** Follow good manufacturing hygiene practices.
- Exposure Limits:** None established

SECTION: 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** White to pale yellow semi-solid at 25°C  
Votated Palm Oil is soft solid at 25°C
- Physical state:** Oil = Semi-solid Votated Oil = solid Liquid.

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<b>Form:</b>	Semi-solid to solid at 25°C
<b>Odor:</b>	Bland
<b>Odor threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Melting point/freezing point:</b>	80.6 – 108.5°F (27 - 42.5°C)
<b>Initial boiling point and boiling range:</b>	>572°F (300°C)
<b>Flash point:</b>	>500°F (260°C)
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Upper/lower flammability or explosive limits:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Vapor density:</b>	>1 (Air = 1)
<b>Relative density:</b>	Not available.
<b>Solubility (water):</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not applicable
<b>Auto-ignition temperature:</b>	600°F (316°C)
<b>Decomposition temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Other information:</b>	
<b>Specific gravity:</b>	0.698 – 0.921 (H <sub>2</sub> O = 1)

SECTION: 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No reactivity hazards known
<b>Chemical stability:</b>	Stable under normal conditions
<b>Hazardous Polymerization:</b>	Will not occur under normal conditions
<b>Conditions to avoid:</b>	Avoid strong oxidizing agents
<b>Incompatible materials:</b>	Strong oxidizing agents and alkalis

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**Hazardous decomposition products:** Irritating and/or toxic fumes or gasses during combustion

SECTION: 11. TOXICOLOGICAL INFORMATION

**Primary Routes of Entry:** Eye, Skin, Ingestion, and Inhalation  
**Health Effects - Eyes:** May cause slight eye irritation  
**Health Effects - Skin:** May cause slight skin irritation  
**Health Effects - Inhalation:** May cause slight irritation  
**Health Effects – Ingestion** If large amount ingested, seek medical attention. Do not induce vomiting.  
**Carcinogenicity:** Not listed as carcinogenic according to IARC, ACGIH, NTP, or OSHA  
**Mutagenicity:** Product class is non-mutagenic  
**LD50**  
**Lower:** Not available  
**Upper:** Not available

SECTION: 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No Ecotoxicity data noted for this product  
**Environmental Impact:** Biodegradable

SECTION: 13. DISPOSAL CONSIDERATION

Disposal must be in accordance with applicable federal, state, and local regulations. Regulations may vary in different regions. It is the responsibility of the user of this product to determine, at time of disposal, if product meets RCRA criteria for hazardous waste.

**Hazardous Waste Code:** Not regulated

SECTION: 14. TRANSPORT INFORMATION

**DOT:** Not regulated as a hazardous material by DOT  
**IATA:** Not regulated as a dangerous good

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SECTION: 15. REGULATORY INFORMATION

**US federal regulations:**

US EPA TSCA Inventory List: Yes

CERCLA/SARA Hazardous Substances Not Applicable

SARA 302 Extremely Hazardous Substances No

SARA 311/312 Hazardous Chemical No

SARA 313 No

**Other Federal Regulations**

Safe Drinking Water Act (SDWA) Not Regulated

Food & Drug Administration (FDA) Not Regulated

**US State Regulations**

CA SB 484 Does not contain any chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Taiwan	Taiwan Toxic Chemical Substances (TCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

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A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**SECTION: 16. OTHER INFORMATION**

**Revision Date:** March 16, 2019

**Issue date:** June 2, 2017

**Version #:** 06

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