



organic products grown in a sustainable habitat

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## **SDS (SAFETY DATA SHEET)**

### **ORGANIC PALM OIL**

#### **SECTION 1: IDENTIFICATION OF CHEMICAL PRODUCT AND SUPPLIER**

Product names:	(Organic) palm oil; Palm oil, refined, bleached and deodorized; palm olein; palm stearin	Company name:	Exportsustent S.A. Natural Habitats USA Inc. Palma Organica (Holland) BV
Product use:	Personal care formulations, food ingredient	Company address:	(see page header)
Date issued:	December 5, 2014, v2.0	Emergency contact:	Natural Habitats emergency line: +31(0)10-8181-973

#### **SECTION 2: COMPOSITION AND INGREDIENT INFORMATION**

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU guideline 548/67 and further amendments, nor to those having recognized exposition limits.

Inci name:	Elaeis Guineensis
Ingredients:	Vegetable oil triglycerides (100% from palm)
CAS nr.:	8002-75-3
EC nr.:	232-316-1

#### **SECTION 3: HAZARDS IDENTIFICATION**

Eye contact:	No known hazard, might cause irritation
Skin contact:	May cause irritation on sensitive individuals with prolonged exposure
Ingestion:	Food grade
Inhalation:	Inhalation of fine mist may effect respiratory system

#### **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 DATA**

Flammability of the product:	May be combustible at high temperature.
Auto-ignition temperature:	316°C (600.8°F)
Flash points:	162°C (323.6°F) CLOSED CUP
Products of combustion:	Not available
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. <b>DO NOT USE WATER TO EXTINGUISH.</b>
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.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Small spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional

authority requirements.

Large spill: If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

#### SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance:	Solid or semi-solid. Liquid at >27°C (80.6°F)	Taste:	Not available.
Odor:	Odorless. Faint odor.	Molecular Weight:	Not available.
Color:	Solid: White; Liquid: Yellow	pH (1% soln/water):	Not applicable.
Smoke Point:	200-230°C	Melting Point:	27 to 43°C (80.6 to 110°F)
Flash Point:	162°C (Closed cup) >311°C (Open cup)	Specific Gravity:	0.88 to 0.952 (Water = 1)
Burning Point:	314°C	Vapor Density:	Not available.
Volatility:	Not available.	Odor Threshold:	Not available.
Water/Oil Dist. Coeff.:	Not available.	Ionicity (in Water):	Not available.
Dispersion Properties:	Not available.	Solubility:	Insoluble in cold and hot water

#### SECTION 10: STABILITY AND REACTIVITY DATA

Stability:	The product is stable.	Instability Temperature:	Not available.
Conditions of Instability:	Not available.	Incompatibility with various substances:	Not available.
Corrosivity:	Non-corrosive	Special Remarks on Reactivity:	Not available.
		Polymerization:	No.

#### SECTION 11: TOXICOLOGICAL INFORMATION

Unknown

#### SECTION 12: ECOLOGICAL INFORMATION

Products of biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.

Toxicity of the products of biodegradation: The products of biodegradation are more toxic.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Residue for disposal: According to local regulations. Waste packing: Observe local regulations.

#### SECTION 14: TRANSPORT INFORMATION

Non hazardous transportation

#### SECTION 15: OTHER REGULATORY INFORMATION

Not applicable

**SECTION 16: OTHER INFORMATION**

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