



## SAFETY DATA SHEET

### 1. IDENTIFICATION

NAME OF PRODUCT: PALM FRUIT OIL – ORGANIC RSPO IP

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RECOMMENDED USE: For manufacturing and repackaging use only  
EMERGENCY TELEPHONE NUMBER: Chemtrec 1-800-424-9300 (24 hrs)

### 2. HAZARD IDENTIFICATION

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 exposure limits.

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 affect respiratory system.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Vegetable oil triglycerides (100% from palm)  
INCI NAME: *Elaeis guineensis (Palm) Oil*  
CAS NUMBER: 8002-75-3  
EC NUMBER: 232-316-1

### 4. FIRST AID MEASURES

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

### 5. FIRE FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT: May be combustible at high temperatures  
AUTO-IGNITION TEMPERATURE: 316°C (600.8°F)  
FLASH POINT: 162°C (323.6°F) Closed Cup.  
PRODUCTS OF COMBUSTION: Not available  
EXTINGUISHING MEDIA: Dry chemical, Carbon dioxide, Foam  
SPECIAL FIRE FIGHTING 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.

UNUSUAL FIRE AND 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 buildup.

## **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.

## **7. HANDLING & 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.

## **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.

Boots.

EXPOSURE LIMITS:

Not available.

## 9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE AND APPEARANCE:	Solid or semi-solid. Liquid at >27°C (80.6°F)
ODOR:	Odorless. Faint odor.
COLOR:	Solid: White, Liquid: Yellow
SMOKE POINT:	200-230°C
FLASH POINT:	162°C (Closed cup) >311°C (Open cup)
BURNING POINT:	314°C
VOLATILITY:	Not available.
WATER/ OIL DIST. COEFF.:	Not available.
DISPERSION PROPERTIES.	Not available.
TASTE:	Not available.
MOLECULAR WEIGHT:	Not available.
pH (1% SOLN/WATER):	Not available
MELTING POINT:	27 to 43°C (80.6 to 110°F)
SPECIFIC GRAVITY:	0.88 to 0.952 (Water=1)
VAPOR DENSITY:	Not available
ODOR THRESHOLD:	Not available
IONICITY (IN WATER):	Not available.
SOLUBILITY:	Insoluble in cold and hot water.

## 10. STABILITY & REACTIVITY

STABILITY:	Stable
CONDITIONS OS INSTABILITY:	Not available.
CORRROSIVITY:	Non – Corrosive.
INSTABILITY TEMPERATURE:	Not available.
INCOMPATIBILITY WITH VARIOUS SUBSTANCES:	Not available.
SPECIAL REMARKS ON REACTIVITY:	Not available.
POLYMERIZATION:	No.

## 11. TOXICOLOGICAL INFORMATION

No information available

## 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 PROCUKTS OF BIODEGRADATIOM:	The Products of biodegradation are more toxic.

## 13. DISPOSAL CONSIDERATIONS

RESIDUE FOR DISPOSAL:	According to local regulations.
WASTE DISPOSAL METHOD:	Incinerate or use landfill according to local, state and federal regulations.

## 14. TRANSPORT INFORMATION

Non-hazardous transportation.

**15. REGULATORY INFORMATION**

No information available

**16. OTHER INFORMATION**

None available