



MATERIAL SAFETY DATA SHEET

<p>1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY. Trade name : Palm Fatty Acid Distillate Classification : Vegetable Fatty acid Chemical type : Mixed fatty acid and triglycerides</p>
<p>2. COMPOSITION / INFORMATION ON INGREDIENTS. Definition/Botanical Origin: <i>Elais Guineensis</i> CAS No : 68440-15-3</p>
<p>3. HAZARDS IDENTIFICATION: Not considered hazardous under normal use. Observe good housekeeping procedures.</p>
<p>4. FIRST-AID MEASURES: INHALATION : No vapours present at normal temperatures. EYE CONTACT : Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist. SKIN CONTACT : Wash thoroughly with soap & water. Non irritating. INGESTION : Not considered dangerous. Edible quality.</p>
<p>5. FIRE FIGHTING MEASURES. EXTINGUISHING MEDIA : Use CO₂, Dry Powder or Foam type Extinguishers, spraying RECOMMENDED : extinguishing media to base of flames. Do not use direct water jet on burning material. SPECIAL MEASURES : Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.</p>
<p>6. ACCIDENTAL RELEASE MEASURES. PERSONAL PRECAUTIONS: Avoid contact with skin eyes and clothes. Note that spillages may cause slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters. CLEANING UP METHODS : Remove all potential ignition sources. Contain spilled material. COVER FOR SPILLAGES : with an inert or non-combustible inorganic absorbent material, Sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.</p>

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.

STORAGE CONDITIONS: Store in suitable container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION: No special measures under normal conditions.

HAND PROTECTION: No special measures under normal conditions.

EYE PROTECTION: Use safety glasses if there is a risk of splashing.

WORK/HYGIENE PRACTICES: Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

Melting point (°C) :	40 min	Appearance :	Brown solid
Density :	0.85 - 0.93	Odour :	faint fat odor
Solubility :	Insoluble in water, soluble in hydrocarbons.		

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 oxidising agents.

11. TOXICOLOGICAL INFORMATION.

Not tested on animals.

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Readily biodegradable

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Observe local authority regulations.

14. TRANSPORT REGULATIONS.

Road (ADR/RID): n/a

SEA (IMDG): n/a

AIR (IATA): n/a

15. REGULATORY INFORMATION.

HAZARDS: n/a

SYMBOLS: n/a

RISK PHRASES: n/a

SAFETY PHRASES: n/a



PGEO EDIBLE OILS SDN BHD

16. OTHER INFORMATION.

Product type/uses: Deodorized Distillate

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product.