

26-Jan-2023

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Palm Shortening  
**Product Number:** DPO-11 DPO-14 DPO-20 DPO-22 DPO-25  
 MBP-11 MBP-14 MBP-20 MBP-22 MBP-25

**Manufacturer Name:** Perdue AgriBusiness, LLC  
 PO Box 1537  
 Salisbury, MD 21802-1537

**Emergency Telephone:** 1-800-424-9300 (CHEMTREC)

**Non-emergency Telephone:** 410-543-3770

**Recommended Use:** Vegetable Oil

**2 HAZARDS IDENTIFICATION**

**OSHA HCS Status:** This product is not a hazardous chemical, as defined by OSHA at 29 CFR 1910.1200.

Based on information available at the time of the development of this Safety Data Sheet, this product does not meet the the criteria necessary to be classified as an OSHA or GHS hazardous chemical. No tests on the product were performed to make this determination. This product could have unforeseen hazards and should be handled with care.

This product is considered GRAS under the US Food, Drug, and Cosmetic Act.

**Target Organs:** None Known

**Classification of the Substance or Mixture:**  
 GHS Classification: Not Hazardous  
 EU Classification (67/548/EEC): Not Hazardous

**GHS Label Elements, including Precautionary Statements:**

**Label Elements:** No labeling required

**Hazard Pictograms:** None

**Signal Word:** None

**Hazard Statements:** None

**Precautionary Statement:** Prolonged or repeated skin contact may cause drying, cracking or irritation.

**Other Hazards:** None Known

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	EC-No.	Percentage
Palm Olein	93334-39-5	297-114-8	55 - 85 %
Palm Stearin	91079-14-0	293-400-1	15 - 45 %

<b>4</b>	<b>FIRST AID MEASURES</b>
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**Inhalation:** If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Eye Contact:** Any material that contacts the eye should be washed out immediately with water. Get medical attention promptly if symptoms occur after washing.

**Skin Contact:** Wash skin with soap and water. Get medical attention promptly if symptoms persist

**Ingestion:** Get medical attention if large amount is swallowed and/or adverse symptoms develops.

**Most Important Symptoms/Effects:** None Known

**Identification of Immediate Medical Attention and Special Treatment Needed:** Treat Symptomatically

<b>5</b>	<b>FIRE-FIGHTING MEASURES</b>
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**Extinguishing Media:** Foam, carbon dioxide, dry powder or water fog.

**Unsuitable Extinguishing Media:** None

**Special Fire Fighting Procedures:** Application of water to burning oil can cause splattering of burning oil

**Unusual Fire & Explosion Hazards:** None Known

**Hazardous Combustion Products:** Carbon Oxides

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus and full protective gear.

<b>6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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**Personal Precautions:** Wear appropriate personal protective equipment.

**Environmental Precaution:** Avoid discharge into drains, water courses or onto the ground.

**Spill Cleanup Methods:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large Spillages: Flush area with water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

<b>7</b>	<b>HANDLING AND STORAGE</b>
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**Precautions for Safe Handling:** Avoid eye and prolonged / repeated skin contact. Avoid breathing vapors or mists from heated oil. Use precautions when handling hot oil.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in a cool area. Keep away from excessive heat and open flames.

<b>8</b>	<b>EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**Exposure Limits:**

Chemical Name	Source	Type	Exposure Limits
Oil Mist (Respirable fraction)	US. OSHA Z-1 PEL	TWA	5 mg/m <sup>3</sup>
Oil Mist (Total dust.)	US. OSHA Z-1 PEL	TWA	15 mg/m <sup>3</sup>

**Engineering Controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ensure eyewash stations and safety showers are readily available.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Eye Protection:** Wear approved safety goggles.

**Hand Protection:** It is a good industrial hygiene practice to minimize skin contact.

**Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing.

<b>9</b> <b>PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Color:</b>	Yellow	<b>Physical State:</b>	Semi-Liquid
<b>Odor:</b>	Vegetable	<b>Odor Threshold:</b>	No data available.
<b>Viscosity:</b>	No data available.	<b>Specific Gravity:</b>	0.917 - 0.925 (25°C)
<b>pH:</b>	Not Applicable	<b>Evaporation Rate:</b>	No data available.
<b>Melting Point:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>Freezing Point:</b>	-20.0 °C (-4.0 °F)	<b>Vapor Density (Air=1):</b>	>1
<b>Boiling Point:</b>	>260 °C (500 °F)	<b>Water Solubility:</b>	Negligible < 5 %
<b>Flash Point:</b>	324 °C (615 °F) (Closed Cup)	<b>Solubility (Other):</b>	No data available.
<b>Flammability Limit</b>		<b>Fire Point:</b>	354 °C (669 °F)
Upper (%):	No data available.	<b>Smoke Point:</b>	254 °C (489 °F)
Lower (%):	No data available.	<b>Explosive Properties</b>	No data available.

<b>10</b> <b>STABILITY AND REACTIVITY</b>
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<b>Reactivity:</b>	None Known
<b>Stability:</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions:</b>	None Known
<b>Conditions to Avoid:</b>	Excessive heat
<b>Incompatible Materials:</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may yield oxides of carbon
<b>Hazardous Polymerization:</b>	Will not occur

<b>11</b> <b>TOXICOLOGICAL INFORMATION</b>
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<b>Acute Toxicity:</b>	No data available
<b>Other Acute:</b>	This product is unlikely to pose a health hazard.
<b>Listed Carcinogens:</b>	None
<b>Chronic Toxicity:</b>	No data available

<b>12</b> <b>ECOLOGICAL INFORMATION</b>
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**Ecotoxicity:** Avoid contaminating waterways  
**Mobility:** No data available.  
**Persistence and Degradability:** No data available.  
**Other Adverse Effects:** No data available.

**13 DISPOSAL CONSIDERATIONS**

**General Information:** Do not discharge into drains, water courses or onto the ground.  
Discharge, treatment or disposal may be subject to national, state, or local laws.

**Disposal Methods:** Dispose in accordance with local, state and federal regulations.

**Container:** Since emptied containers retain product residue, follow label warnings even if emptied.

**14 TRANSPORT INFORMATION**

**US DOT** Not regulated.  
**Canadian TDG** Not regulated.  
**IATA** Not regulated.  
**IMDG** Not regulated.

**15 REGULATORY INFORMATION**

**US REGULATIONS**

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not regulated.

**SARA Title III**

**Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A):** Not regulated.

**Section 311/312 (40 CFR 370):**

Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

**Section 313 Toxic Release Inventory (40 CFR 372):** Not regulated.

**Drug Enforcement Act:** Not regulated.

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**U.S. Department of Homeland Security:** This product does not contain any DHS chemicals.

**INTERNATIONAL INVENTORIES**

<b>TSCA</b>	Listed	<b>AICS</b>	Listed
<b>DSL</b>	Listed	<b>IECSC</b>	Listed
<b>EINECS</b>	Listed	<b>ENCS</b>	No Data
<b>PICCS</b>	Listed		

**16 OTHER INFORMATION**

**Hazard Ratings:**

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Special Hazard</b>
<b>NFPA</b>	0	1	0	None

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Blue - Health; Red - Flammability; Yellow - Reactivity, White - Special Hazards

	<b>Health</b>	<b>Flammability</b>	<b>Physical</b>	<b>Personal Protection</b>
<b>HMIS</b>	0	1	0	None

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

Blue - Health; Red - Flammability; Orange - Physical Hazards; White - Special

**Disclaimer:** To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.