



SAFETY DATA SHEET

1) Product and Company Information

Product Name:	PALMIT 80 (Palmitic Acid)
Product Description:	Pure vegetable Palm Fat
Material Use:	Livestock Feedstuff
Supplier:	Global Agri-trade Corp. 320 Golden Shore, Suite 350 Long Beach, CA 90802 Tel. No.: (562)320-8550 Fax No.: (562)256-7551
Emergency Contact:	1-562-320-8550 Executive Director

2) Hazard Identification

Proposed Classification:

This product contains no substances classified as hazardous to health.

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910, 1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Human Health Hazards:

a) Inhalation:	Dust can cause irritation, sore throat and cough.
b) Skin Contact:	Irritant to skin.
c) Eye Contact:	Can cause irritation.



d) Ingestion:

Can cause irritation to digestive tract.

Physical / Chemical Hazards:

Slight bland/tallow like odour. Decomposes when heated, giving off acid vapors. Reacts with oxidants.

3) Composition/ Information on Ingredients

Chemical Description:

CAS #: 57-10-3

Hexadecanoic Acid

Stabilizing Additive:

Butylated Hydroxytoluene (BHT) (Preservative)

4) First Aid Measures

Inhalation:

Use self-contained breathing equipment if in confined place. Remove to fresh air. If any difficulty in breathing, consult a doctor.

Skin contact:

Use of gloves recommended. Remove contaminated clothing, flush skin with water or shower, consult a doctor if necessary.

Ingestion:

Normally no danger, but rinse mouth, drink plenty of water, consult a doctor. Do not give anything by mouth to an unconscious person.



Eye contact:

Wash with plenty of water. Consult a doctor if irritation occurs.

Physician:

No specific antidote necessary; Material is used as animal feed ingredient.

5) Fire Fighting Measures

Suitable Firefighting Equipment:

Extinguishing foam, dry powder, carbon dioxide.

Personal Precautions:

Keep away from open flame, no smoking, thermal decomposition will evolve irritant vapors. Keep upwind spillage.

Environmental Protection:

Place in covered containers for disposal in approved landfill.

6) Accidental Release Measures

Personal Precautions:

Wear dusk mask if dusting occurs; Feedstuff, no direct danger.

Environmental Protection:

Minimize contamination of drains, surface and ground water.

Leak/Spill:

Collect leakage in sealable containers, soak up with



sand or other inert absorbent and remove to safe place.
Wash site with sodium bicarbonate solution or ash soda. Wipe to clean.
Can also allow spillage to solidify, then shovel into containers. Clean up area immediately. Dispose of in accordance with local, state and federal regulations

7) Handling and Storage

Avoid contact with eyes; it is recommended to use gloves and wear goggles when handling; store in a cool and dry place; avoid extreme heat and cold.

Store away from strong alkalis and oxidisers. Temperature higher than necessary degrades quality at rates dependent on time and temperature of exposure. Exposure to ultraviolet light, especially sunlight must be minimized to prevent quality loss.

8) Exposure Control/Personal Protection

Personal Protection:

Do not breath dust; wear dust mask and/or goggles if necessary.

Occupational Exposure:

No limit has been established.

9) Physical and Chemical Properties

Appearance:

Waxy, white solid;
Beads or Flakes.



Odor:	neutral – bland
Boiling Point °C at 760 mm Hg:	> 300
Melting Point, °C:	62.9
Flash Point, °C (Pensky Martens closed cup):	> 200
Auto-Ignition Temperature, °C:	> 250
Solubility in Water, g/100 ml at 20°C:	none
Density, g/ml at 75°C:	0.85
Relative Molecular Mass:	256.4

10) Stability and Reactivity

Conditions to Avoid:	Contact with strong oxidizing agents, direct fire and strong alkalis.
Decomposition Products:	Carbon, carbon dioxide and carbon monoxide.

11) Toxicology Information

Acute Fish Toxicity:	LC 50 > 100 mg product/l
Acute Bacteria Toxicity:	EC 50 > 100 mg product/l
Acute Rat Oral Toxicity:	LD50>10 g/kg
Eye Irritation Rabbit:	Not irritating
Skin Irritation Rabbit:	Not irritating



Skin Irritation Human

75 mg/3D-I MLD

12) Ecological Information

Biodegradable material. Aquatic Toxicity not known

13) Disposal Consideration

Dispose of in accordance with all applicable local, state and federal laws and regulations.

14) Transport Information

Not dangerous, no transport regulations applicable.

15) Regulatory Information

Palmitic Acid is categorized under non-hazardous chemicals.

16) Other Information

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