

**MATERIAL SAFETY DATA SHEET**

MSDS Name: PALM WAX FLAKE

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PALM WAX FLAKE

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Company Identification:

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1. Product Identification

Synonyms: Hydrogenated Palm oils,  
EC NO.: 271-056-3  
CAS No.: 68514-74-9

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2. Composition/Information on Ingredients

100% Hydrogenated palm oil.

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3. Hazards Identification

Potential Health Effects

Eye

Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Unlikely to cause eye irritation or injury.

Skin

Unlikely to cause skin irritation or injury. This material is unlikely to pass into the body through the skin.

Swallowing

Swallowing any amounts of this material during normal handling is not likely to cause harmful effects.

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### **Inhalation**

This material is a dust or may produce dust. Breathing small amounts of this material is not likely to be harmful.

### **Symptoms of Exposure**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways).

### **Target Organ Effects**

No data

### **Developmental Information**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

### **Cancer Information**

This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

### **Other Health Effects**

No data

### **Primary Route(s) of Entry**

Inhalation, Skin contact, Eye contact.

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## **4. First Aid Measures**

### **Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

### **Skin**

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

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### **Swallowing**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

### **Note to Physicians**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions).

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## **5. Fire Fighting Measures**

Flash Point: > 200° F

Explosive Limit: Not applicable

Auto-ignition Temperature: No data

Hazardous Products of Combustion:

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards:

Organic dusts can form explosive mixtures in air. No special fire hazards are known to be associated with this product.

Extinguishing Media:

Regular foam, alcohol foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions:

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to keep fire-exposed containers cool until fire is out.

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Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

### **NFPA Rating**

Health - 1, Flammability - 0, Reactivity - 0

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## **6. Accidental Release Measures**

### **Small Spill**

Scoop or scrape up. Put in container for recovery or disposal.

### **Large Spill**

Shovel material into containers.

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## **7. Handling and Storage**

### **Storage**

cool or dry place.

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## **8. Exposure Controls/Personal Protection**

### **Eye Protection**

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

### **Skin Protection**

Wear resistant gloves such as: natural rubber, Wear normal work clothing covering arms and legs.

### **Respiratory Protections**

Not required under normal conditions of use.

### **Engineering Controls**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse

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effects).

### Exposure Guidelines Component

No exposure limits established

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 300 min.

Vapor Pressure: Not applicable

Specific Vapor Density: Not applicable

Specific Gravity: >95%

Liquid Density: Not applicable

Percent Volatiles: No data

Evaporation Rate: Not applicable

Appearance: White or Yellowish odorless flakes.

State: Solid

Physical Form: Flake solid

Color: Milk-white

Odor: Smell-less

PH: 7

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## 10. STABILITY AND REACTIVITY

### Hazardous Polymerization

Product will not undergo hazardous polymerization.

### Hazardous Decomposition

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

### Chemical Stability

Stable.

### Incompatibility

Avoid contact with: strong oxidizing agents.

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### **11. TOXICOLOGICAL INFORMATION**

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: May cause skin, eye, respiratory tract, and gastrointestinal tract irritation

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### **12. ECOLOGICAL INFORMATION**

Ecotoxicity: Not available.

BOD5 and COD: Not available.

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 product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

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### **13. DISPOSAL CONSIDERATION**

Waste Management Information

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

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### **14. TRANSPORT INFORMATION**

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations

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DOT classification: Not a DOT controlled material.

Identification: Not application.

Special Provision for transport: Not application.

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### 15. REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) inventory: Vegetable wax

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** This product is not classified according to the EU regulations.  
Not applicable.

**HMIS (U.S.A.):**

**Health Hazard:** 1

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.):**

**Health:** 1

**Flammability:** 1

**Reactivity:** 0

**Specific hazard:**

**Protective Equipment:** Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

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### 16. OTHER INFORMATION

**References:** Not available.

**Other Special Considerations:** Not available.

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Reported by:

Company Name:

Date: OCT 06 ,2022

Authorized Person: Jason

Signature: Vivien

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