



## **MATERIAL SAFETY DATA SHEET**

### **1. Essential Manufacturer Data**

Contact Information:

Company: Aurora Industry Co.,Ltd.

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

Tel: 0411-82288674

### **2. Composition / Information on Ingredients**

Chemical: Palm Wax

CAS NO.: 68514-74-9

EC NO.: 271-056-3

Chemical Name: Hardened palm oils, hydrogenated, mixed glycerol stearates.

Ingredients not precisely identified are proprietary and nonhazardous. All ingredients appear on the EPA TSCA Inventory.

### **3. Hazards identification**

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant)

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

### **4. First aid measures**

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Serious Skin Contact: Wash with soap and water.

Serious Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Limited quantity is fine as it is vegetable oil. In case of exceptional situation, Do NOT induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.



## **5. Fire and Explosion Data**

Flash point (and method): > 240°C

Extinguishing media: Dry chemical, carbon dioxide, foam, water or fog. Class ABC fire extinguisher.

Special fire fighting protective equipment: Firefighters should wear self-contained breathing apparatus in the positive-pressure mode and protective clothing should be worn in fighting fire involving chemicals.

Unusual fire and explosion hazards: None known.

## **6. Accidental Release Measures**

Steps to be taken in case material is released or spilled: Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash down spill area with hot water containing detergent and flush to a sewer serviced by waste water treatment facility.

Waste Disposal: Recover material or dispose (incineration is preferred) in accordance with applicable federal, state and local regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with federal, state and local regulations. Empty container may retain vapor or product residue. Observe all labeled safeguards until container is clean, reconditioned or destroyed.

## **7. Handling and Storage**

Precautions: Keep away from heat. Keep away from sources of ignition. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage: Keep material in a cool, well-ventilated area.

## **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. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.



## **9. Physical Data**

Appearance / Physical State: White or Yellowish flakes.

Smoke point, °C: 235

Melting point, °C: 50-60.

Solubility: Soluble in hot organic solvents such as alcohol, benzene, ether, acetone, mineral or fixed oils.

## **10. Stability and Reactivity Data**

Stability: Stable

Incompatibility (materials to avoid): Strong oxidizing agents and strong alkali or caustic materials.

## **11. Toxicological Information**

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.

The toxicological properties of this substance have not been fully investigated.

## **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.

## **13. Disposal Considerations**

Waste Disposal:



Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## **14. Transport Information**

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

## **15. Other Regulatory Information**

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

## **16. Other Information**

References: Not available.

Other Special Considerations: Not available.

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