

Material Safety Data Sheet

Hydrogenated RBD Palm Stearine

Section 1: Chemical Product and Company Identification

Product Name : Hydrogenated RBD Palm Stearine
Company Identification : Tradeasia International Pte Limited
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Hydrogenated RBD Palm Stearine		100

Toxicological Data on Ingredients: Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:

Inhalation : Unlikely to occur due to the physical properties of the product. However, if vapors are generated, irritation to mucous membranes and upper respiratory tract with sore throat and coughing may occur.

Skin Contact : Repeated or prolonged excessive exposure may cause irritation or dermatitis.

Eye Contact : May cause significant irritation with pain, burns and corneal opacity. May cause irreversible damage.

Ingestion : May cause sore throat, abdominal pain and diarrhea.

Potential Chronic Health Effects

None known

Section 4: First Aid Measures

Inhalation: Remove from exposure area to fresh air immediately. Keep the affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center if symptoms persist or recur.

Skin Contact : Immediately remove contaminated clothing and shoes. Rinse affected area with plenty of water until no evidence of material remains. Get medical attention if irritation persists.

Eye Contact: Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of material remains. Get medical attention if pain or irritation persists.

Ingestion: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

Section 5: Fire and Explosion Data

Flash Point: 365 °F (COC)

OSHA Flammability Classification: III B

Fire and Explosion Hazard: Negligible fire hazard when exposed to heat or flame.

Fire Fighting Media: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam.

Fire Fighting: Move container from fire area if you can do it without risk. Do not scatter spilled material with high pressure water streams. Dike the fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing hazardous vapors, keep upwind.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Occupational Spill: Sweep up and place in suitable clean, dry containers for reclamation or later disposal. Do not flush spilled material into sewer. Keep unnecessary people away.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage:

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 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.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: semi-solid material. Liquid when heated above 50 °C.
Odor	: fatty odor.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: White in semi-solid form. Clear, almost colorless to amber in liquid form.
pH (1% soln/water)	: Not applicable.
Boiling Point	: Not available.
Melting Point	: 52°C (125.6°F)

Critical Temperature	: Not available.
Specific Gravity	: 0.861 (Water = 1)
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Acid Value	: 208-212 range
Solubility	: < 0.1 %

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Thermal decomposition may release acrid smoke and irritating fumes. Hazardous decomposition products may include carbon monoxide and carbon dioxide.

Conditions of Instability: Not available.

Incompatibility with various substances: Strong oxidizers, bases, reducing agents, metals.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Stable under normal temperatures and pressures.

Special Remarks on Corrosivity: Not available.

Polymerization: Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

Section 11: Toxicological Information

Routes of Entry: Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Hazardous in case of ingestion. Slightly hazardous in case of inhalation, skin contact and eye contact.

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: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Not available.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

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

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Palm oil

Other Regulations: Not available..

Other Classifications:

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

DSCL (EEC):

This product is not classified according to the EU regulations.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 1

Reactivity: 0

Personal Protection: a

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

Health: 0

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:

Not applicable. Lab coat. Not applicable. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.