

Safety Data Sheet

1. Identification

Product Name: Polyester Castor Wax
INCI Name: Polyhydroxystearic Acid
Product Code:
Product Use: No restrictions. Use in accordance with applicable guidelines.

2. Hazards Identification

GHS Classification:
Health Not Classified
Environmental Not Classified
Physical Not Classified
GHS Label:
Symbol None
Hazard Statement None
Signal Words: None
Toxic Components: None

3. Composition / Information on Ingredients

Chemical identity: Polyhydroxystearic Acid
Common name:
Numbers of identity: 58128 22 6
CAS Number
EINECS Number 500 140 7
Impurities: None
Hazardous Components: None

4. First-Aid Measures

Eye Contact: Flush with cold water and seek medical attention. Irritation is possible.

	Burns can occur if product is molten.
Skin Contact:	Flush with cold water and seek medical attention. Do not remove clothing or peel solidified product off the skin. This product is not absorbed by the skin. Irritation is possible. Burns can occur if product is molten.
Inhalation:	Avoid vapors from (over)heated product. Remove to fresh air. Consult a physician. Irritation is possible.
Ingestion:	This is a non toxic product. Consult a physician. Irritation is possible.

5. Fire Fighting Measures

Suitable Extinguishing Media:	Foam, powder, water spray, Carbon Dioxide. Do not use a heavy water stream.
Fire Fighting Procedures:	Wear self contained breathing apparatus, rubber boots, and thick rubber gloves. Protect containers with water spray.
Combustion Products:	Thermal decomposition generates carbon oxides and irritating volatile organic compounds.

6. Accidental Release Measures

Personal Precautions:	Refer to Section 8.
Environmental Precautions:	Prevent entry to sewers and public waters (prevent clogging).
Methods and Material for Containment and Cleaning Up:	Allow product to solidify if molten. Remove solidified product. This product is not a hazardous waste.

7. Handling and Storage

Handling:	Use with caution around heat, sparks, static electricity and open flame.
Storage:	Store in a cool, dry well ventilated storage area away from direct sunlight. Do not store near oxidizing agents or strong acids.

8. Exposure Controls / Personal Protection

Exposure Limits:	Not Classified
Ventilation:	Ensure there is adequate ventilation.
Eye Protection:	Splash goggles or face shield
Skin Protection:	Gloves, apron or lab coat
Respiratory Protection:	Normally not needed.

9. Physical and Chemical Properties

Appearance	Light tan to brown
Odor	Characteristic of wax
Odor Threshold	Not determined
pH	Not applicable
Melting Point	50 70°C
Boiling Point	Not determined
Flash Point	Not determined
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not classified
Upper/Lower Flammability or Explosive Limits	Not classified

Vapor Pressure	Not applicable
Vapor Density	Not applicable
Density @ 20°C (g/mL)	Not determined
Solubility	Not water soluble
Partition Coefficient (n octanol/water)	Not applicable
Auto Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

10. Stability and Reactivity

Reactivity:	This product is not reactive under the conditions listed in Section 7.
Chemical Stability:	This product is stable under the conditions listed in Section 7.
Hazardous Reactions:	No available data
Conditions to avoid:	Oxidizing agents, strong acids, direct sunlight, heat, sparks, static electricity and open flame.
Incompatibility:	No available data
Decomposition Products:	Refer to Section 5.

11. Toxicological Information

Acute Toxicity:	
Oral Toxicity	Not classified
Dermal Toxicity	Not classified
Inhalation Toxicity	Not classified
Eye Irritation	Not classified
Dermal Irritation	Not classified
Subchronic/Chronic Toxicity:	
Dermal Sensitization	Not classified
OSHA	Not hazardous
Proposition 65	Not listed

12. Ecological Information

Persistence and Degradability:	Biologically degradable without harmful residues.
Bio Accumulative Potential:	No available data
Mobility:	No available data
Aquatic Toxicity:	Not toxic for the aquatic environment.

13. Disposal Considerations

Dispose of in accordance with local / national regulations. This product is not a dangerous waste material. Do not pour into drains or waterways.

14. Transportation Information

General Information:	Not classified as Hazardous for Transport
U.S. Department of Transportation (DOT):	Not classified as Hazardous for Transport
International Maritime Organization (IMDG):	Not classified as Hazardous for Transport

IATA Class or Division: Not regulated by IATA Dangerous Goods Regulation (DGR) 55th Edition 2014
ADR Class: Not classified

15. Regulatory Information

INCI Name: Polyhydroxystearic Acid
CAS Number: 58128 22 6
EINECS Number: 500 140 7
TSCA Listed
DSL Listed

16. Other Information

Shelf Life: 3 years under proper storage conditions.

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health	1
Flammability	1
Reactivity	0

Disclaimer: The information and recommendations contained herein are believed to be accurate to the best of our knowledge. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.