



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 1/7

1 - IDENTIFICATION

Identification of product: HARD COCONUT WAX**Recommended uses of chemical and usage restrictions:** Mainly used in the manufacture of handmade candles, among other applications.**Supplier details:** SOLVEN SOLVENTES E QUÍMICOS LTDA**Address:** Professora Abigail Alves Pires Street, 301 Hortolândia - , Farm Nova Boa Vista, ZIP Code: 13185-071 - SP - Brazil.**Telephone:** (19) 3865-9500**Email:** solven@solven.com.br**Phone number of emergency:** 0800 770 00 44 – UNYBRASIL

2 - HAZARD IDENTIFICATION

Classification of substance or mixture: Not classified as dangerous according to ABNT NBR 14725.**System of classification used:** ABNT-NBR 14725 standard.**Classification used:** Globally Harmonized System for the Classification and Labeling of Chemicals, UN.**GHS labeling elements, including precautionary statements****Precautionary phrases:**
Wash your hands after handling the product.
Do not drink, eat or smoke while handling the product.
It is recommended to use appropriate PPE when handling the product.
Obtain product information before handling.
Store the product in a suitable place.
In case of emergency, proceed as indicated in this document.**Other dangers that do not result in a classification:** The product has no other hazards.

3 - COMPOSITION AND INFORMATION ON INGREDIENTS

MIXTURE HARD COCONUT WAX

Ingredients, impurities and/or stabilizing additives that contribute to the hazard:

Product identifier	CAS/CE	Concentration range (%)
Hydrogenated coconut oil ¹	84836-98-6 284-283-8	67.5 - 100
Palm kernel oil ¹	8023-79-8 232-425-4	7.5 - 12.5

¹ Ingredient not classified as hazardous by the classification system used.

4 - FIRST AID MEASURES

Inhalation: Remove the exposed person to a ventilated area.**Skin contact:** Wash exposed skin with enough water to remove the material.**Eye contact:** Rinse cautiously with water for several minutes. If wearing contact lenses, Remove them if easy to do. If eye irritation occurs: Consult a doctor. Bring this document.



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 2/7

Ingestion:	Do not induce vomiting. Rinse the exposed person's mouth with water. If you feel unwell, contact a POISON CENTER or doctor. Bring this document with you.
Most important symptoms and effects, acute or delayed:	No symptoms or effects are expected after exposure to the product.
Indication of immediate medical attention and special treatments required, if necessary:	If necessary, provide symptomatic treatment.

5 - FIRE FIGHTING MEASURES

Extinguishing media:	Suitable: carbon dioxide (CO ₂), foam, water fog and dry chemical. Unsuitable: direct water jets.
Specific hazards arising from the substance or mixture:	Combustion of the chemical or its packaging can form irritating and toxic gases such as carbon monoxide and carbon dioxide. Vapors can be denser than air and tend to accumulate in low or confined areas, such as manholes and basements. Containers can explode if heated.
Special protective measures for firefighting personnel:	Wear self-contained breathing apparatus (SCBA) with positive pressure and full protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

6 - CONTROL MEASURES FOR SPILLS OR LEAKS

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Do not smoke. Avoid contact with the product. If necessary, use personal protective equipment as described in section 8.
For emergency service personnel:	Isolate the leak from ignition sources preventively.
Environmental precautions:	Prevent spilled product from reaching watercourses and sewage systems.
Method and materials for containment and cleaning:	Collect the product with a clean shovel or other instrument that won't disperse the product. Place the material in appropriate containers and remove them to a safe location. For final disposal, proceed as per Section 13 of this document.

7 - HANDLING AND STORAGE

Appropriate technical measures for handling

Precautions for safe handling:	Handle in a well-ventilated area or with a general ventilation/local exhaust system. Avoid dust formation. If necessary, use personal protective equipment as described in section 8. Avoid contact with incompatible materials.
Hygiene measures:	Wash your hands and face thoroughly after handling and before eating, drinking, smoking, or using the bathroom.

Conditions for safe storage, including any incompatibilities

Fire and explosion prevention:	The product is not expected to present a fire or explosion hazard.
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SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 3/7

Suitable conditions: Store in a well-ventilated place away from sunlight. Keep the container closed.
stored at room temperature not exceeding 35°C.
No addition of stabilizers and antioxidants is necessary to ensure durability.
Keep away from incompatible materials.

Suitable packaging materials: Similar to original packaging.

Unsuitable packaging materials: No unsuitable materials are known.

8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters

Occupational exposure limit: Biological No occupational exposure limits are established.

indicators: No biological exposure indicators are established.

Other limits and values: No other limits and values are established.

Engineering control measures: Provide mechanical ventilation and a direct exhaust system to the outside environment. These measures help reduce exposure to the product.

Personal protective measures

Eye/face protection: Safety glasses.

Skin protection: Closed-toe shoes and appropriate protective clothing. Appropriate protective gloves.

Respiratory protection: A risk assessment must be performed to determine appropriate respiratory protection, taking into account the conditions of use of the material. Follow the guidelines of the Respiratory Protection Program (PPR), Fundacentro.

Thermal hazards: It does not present thermal hazards.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid in tablet form.

Color: White.

Odor: Odorless.

Melting point/freezing point: 50.00 to 54.00 °C.

Boiling point or initial boiling point and boiling range: Not available.

Flammability: Not available.

Lower and upper explosive/flammability limits: Not available.

Flash point: > 200.00 °C - Open vessel.

Autoignition temperature: Not available.



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 4/7

Decomposition temperature: Not available.

pH: Not applicable.

Kinematic viscosity: Not available.

Solubility: Insoluble in water.

Partition coefficient – n-octanol/water (log Kow value): Not available.

Vapor pressure: Not available.

Density and/or relative density: Not available.

Relative vapor density: Not available.

Particle characteristics: Not available.

Other information: Not applicable.

10 - STABILITY AND REACTIVITY

Reactivity: No reactivity is expected under normal temperature and pressure conditions.

Chemical stability: Product stable under normal temperature and pressure conditions.

Possibility of hazardous reactions: There are no known dangerous reactions to the product.

Conditions to avoid: High temperatures. Contact with incompatible materials.

Incompatible

materials: Acids.

Hazardous decomposition products: Decomposition can generate carbon oxides and nitrogen oxides.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity: Product not classified as acutely toxic by oral route.

Oral ETAm: > 5000 mg/kg.

Skin corrosion/irritation: Not expected to cause skin irritation.

Eye injuries serious/eye irritation: Not expected to cause eye irritation.

Respiratory or skin sensitization: Respiratory or skin sensitization is not expected.

Germ cell mutagenicity: It is not expected to show mutagenicity in germ cells.

Carcinogenicity: Not expected to be carcinogenic.

Reproductive toxicity: It is not expected to present reproductive toxicity.



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 5/7

Specific target organ toxicity – unique exhibition: Not expected to show specific target organ toxicity by single exposure.

Specific target organ toxicity – repeated exposure: Not expected to show specific target organ toxicity upon repeated exposure.

Aspiration hazard: Not expected to present an aspiration hazard.

12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to present ecotoxicity.

Persistence and degradability: It does not present persistence and is considered rapidly degradable.

Potential bioaccumulative: It has high bioaccumulative potential in aquatic organisms.

Information regarding:

- Hydrogenated coconut oil:

log Kow: 14.9 to 23.7.

Mobility in soil: Not determined.

Other effects adverse: No other environmental effects are known.

13 - CONSIDERATIONS ON FINAL DESTINATION

Recommended methods for final disposal

Product: Treatment and disposal must be evaluated specifically for each product. They must be federal, state and municipal legislation was consulted, including: Law No. 12,305, of 02 August 2010 (National Solid Waste Policy).

Product remains: Keep any remaining product in its original packaging and properly closed. Disposal should be carried out as established for the product.

Packaging used: Do not reuse empty packaging. These may contain product residue and should be kept closed and sent for appropriate disposal as established for the product.

14 - TRANSPORTATION INFORMATION

National and international regulations

Terrestrial: ANTT - National Land Transportation Agency:
• Resolution No. 5,998, of November 3, 2022: *Updates the Regulation for the Road Transportation of Dangerous Goods, approves its Supplementary Instructions, and gives other provisions.*

UN Number: Not classified as hazardous for land transport.

Danger to the Environment Environment: The product is not considered hazardous to the environment for land transport.



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02	Date: 07/08/2025	Page: 6/7
Environment:		
Waterway:	DPC - Directorate of Ports and Coasts (Transportation in Brazilian waters). Maritime Authority Standards: • NORMAM 201/DPC: Vessels Used in Open Sea Navigation. • NORMAM 202/DPC: Vessels Used in Inland Navigation. • NORMAM 321/DPC: Material Approval. IMO - <i>International Maritime Organization</i> : • IMDG Code - <i>International Maritime Dangerous Goods Code</i> .	
UN Number:	Not classified as dangerous for water transport.	
Danger to the Environment Environment:	It is not considered a marine pollutant for transport.	
Air:	ANAC - National Civil Aviation Agency: Resolution No. 714, of April 26, 2023. RBAC (Brazilian Civil Aviation Regulation) No. 175: • Transportation of Dangerous Goods in Civil Aircraft. • IS No. 175-001 - Supplementary Instruction. ICAO (International Civil Aviation Organization): • Doc 9284 AN/905 (Technical Instructions for the Safe Transport of Dangerous Goods) by Air). IATA - <i>International Air Transport Association</i> : • DGR - <i>Dangerous Goods Regulation</i> .	
UN Number:	Not classified as hazardous for air transport.	
Danger to the Environment Environment:	The product is not considered hazardous to the environment for air transport.	
Specific precautionary measures and conditions:	Not applicable.	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Consult regulations: • International Maritime Organization: MARPOL: Articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the 1978 Protocol relating thereto, consolidated edition. IMO, London, 2006. • International Maritime Organization: IBC Code: International Code for the Construction and Equipment of the Maritime Carriage of Dangerous Chemicals in Bulk: With Standards and Guidelines Relevant to the Code. IMO, London, 2007.	

15 - INFORMATION ON REGULATIONS Federal Decree No.		
Specific regulations for the chemical:	10,088, of November 5, 2019. ABNT-NBR 14725 standard. Regulatory Standard No. 26 (Safety signage), of the Ministry of Labor and Employment.	

16 - OTHER INFORMATION		
Important information, but not specifically described in the previous sections:		
This document was prepared based on current knowledge regarding proper product handling and normal conditions of use, according to the application specified on the packaging. Any other use of the product that involves combining it with other materials, as well as other uses other than those indicated, is the user's responsibility. Please note that handling any chemical substance requires prior knowledge of its hazards. In the workplace, the company using the product is responsible for training its employees regarding the potential risks arising from exposure to the chemical.		

Subtitles and Abbreviations:



SAFETY DATA SHEET

Product: HARD COCONUT WAX

Version: 02

Date: 07/08/2025

Page: 7/7

ACGIH - *American Conference of Governmental Industrial Hygienists* Governmental);
 CAS - *Chemical Abstracts Service*;
 EC - *European Community* ;
 EEC - *European Economic Community*;
 EPA - *United States Environmental Protection Agency*;
 ETAm - *Acute Toxicity Estimate of the mixture*;
 IARC - *International Agency for Research on Cancer*;
 Kow- *Octanol- water partition coefficient*;
 NIOSH - *National Institute for Occupational Safety and Health*;
 NR - *Regulatory Standard*;
 UN - *United Nations*;
 OSHA - *Occupational Safety & Health Administration*;
 PBT - *Persistent, bioaccumulative and toxic*.

Bibliographic references:

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS. TLVs® and BEIs®: Based on the Documentation of the Threshold Limit Values (TLVs®) for Chemical Substances and Physical Agents & Biological Exposure Indices (BEIs®). Cincinnati-USA, 2025.

BRAZIL. MINISTRY OF LABOR AND EMPLOYMENT (MTE). Regulatory Standard (NR) No. 15: Activities and operations unhealthy. Brasília, DF. Apr. 2022.

BRAZIL. MINISTRY OF LABOR AND EMPLOYMENT (MTE). Regulatory Standard (NR) No. 7: Control program Occupational Health Physician. Brasília, DF. Jan. 2022.

CONCAWE - HAZARD CLASSIFICATION AND LABELLING OF PETROLEUM SUBSTANCES IN THE EUROPEAN ECONOMIC AREA. Available at: <<https://www.concawe.eu/>>. Accessed: Jul 2025.

ECHA - EUROPEAN CHEMICAL AGENCY. Available at: <<http://echa.europa.eu/web/guest>>. Accessed: Jul 2025.

EPA - UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. Available at: <<https://www.epa.gov/>>. Accessed: July 2025.

GESTIS - SUBSTANCE DATABASE. Available at: <<https://gestis-database.dguv.de/>>. Accessed: Jul 2025.

GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS. 10th rev. ed. New York and Geneva: United Nations, 2023.

HSDB - HAZARDOUS SUBSTANCES DATA BANK. Available at: <<http://pubchem.ncbi.nlm.nih.gov/>>. Accessed: Jul 2025.

IARC INTERNATIONAL AGENCY FOR RESEARCH ON CANCER. <<http://monographs.iarc.fr/ENG/Classification/index.php>>. Available in: Accessed on: Jul 2025.

NIOSH - NATIONAL INSTITUTE OF OCCUPATIONAL AND SAFETY. International Chemical Safety Cards. Available at: <<http://www.cdc.gov/niosh/>>. Accessed: Jul 2025.

OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION. UNITED STATES DEPARTMENT OF LABOR. <<https://www.osha.gov/chemicaldata/search>>. Accessed: Jul 2025.

REACH - REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS. Commission Regulation (EC) No 1272/2008 of December 2008 amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization Restriction of Chemicals. <<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF>>. Available in: Accessed: Jul 2025.