
SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1.1 Product Identifier

Product Name:	Candelilla Wax Refined 7833 Pellets
Description:	Candelilla 100%
INCI Name:	EUPHORBIA CERIFERA CERA
Family:	Candelillas
CAS number:	8006-44-8
EC number:	232-347-0
Code:	CCAN

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified uses:

Inks (base), Leather (polish, protector), Chewing gum base (Food), Precision casting (molding), Cosmetics (lipsticks, mascara, creams, foundation).

1.3 Details of the supplier of the Safety Sheet:

Ceras Industriales Martí, S.L.
Pol. Ind. Can Clapers. C/Can Clapers 29 2B
08181 – SENTMENAT (Barcelona)

1.4 Emergency Phone Number:

+34 91.114.25.20

2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

Physical hazards: No Classified.
Health hazards: No Classified.
Environmental hazards: No Classified.

2.2 Label Elements

Pictograms: N.A.
Signal Word: N.A.
Hazard statements: N.A.
Precautionary statements: N.A.

2.3 Other Hazards wich do no result in Classification

Contact with the molten material can cause thermal burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical name or Family:	Candelilla wax
Common name/Synonyms:	-
%:	100
REACH registration number:	N.A.
EC number:	232-347-0
CAS number:	8006-44-8

4. FIRST AID MEASURES:

4.1 Description of First Aids

General advice:	This material is a solid wax. Not expected to be a health hazard when used under normal conditions. At elevated temperatures well above the melting point, the generation of hydrocarbon vapors may be expected.
Skin:	Wash thoroughly with soap and water. If irritation develops, contact a physician. If burned by hot product, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get immediate medical attention.
Eyes:	Flush eyes with large amounts of water for 15 minutes. Consult a physician.
Inhalation:	For inhalation of vapors, remove to fresh air. If breathing has stopped, administer artificial respiration. Get medical attention.
Ingestion:	It is not expected to cause damage.
Advise to physician:	Treat according to symptoms present. Burns from molten material can be treated as normal thermal burns.

4.2 Most Important Symptoms/Effects

Skin:	Contact with molten material may cause thermal burns.
Eyes:	Exposure to wax fumes may cause irritation.
Inhalation:	Fumes may cause irritation. Exposure to wax fumes may cause irritation.
Ingestion:	Not adverse effects known.
Delayed effects:	Not adverse effects known.

5. FIRE FIGHTING MEASURES:

Flammable properties

Flash point:	>200°C
Flash point method:	Open cup (ASTM D-92).
Autoignition temperature:	No known.
Upper flame limit (volumen % in air):	No known.
Lower flame limit (volumen % in air):	No known.

Extinguishing media: Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material because it may scatter and spread the fire.

Unusual fire and explosion hazards: Melts in proximity to fires causing slippery floors and stairs. Dense smoke may be generated while burning.

Special firefighting precautions/instructions: Evacuate the area at a safe distance. Wear self-contained breathing apparatus approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use water spray to keep containers cool.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedure

In case of spill or other releases: Always wear recommended personal protective equipment (See section 8 for more information). Eliminate source of ignition, always keeping spilled material away from these. Large spills and releases may have to be reported to federal and/or local authorities.

6.2 Environmental precautions: Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using appropriate barriers.


6.3 Methods and material for containment and cleaning up: Collect in container, fiberboard drum or carton. If molten material is spilled, allow it to cool and solidify before scraping it up.





7. HANDLING AND STORAGE:

Normal handling: Always wear recommended personal protective equipment. Avoid prolonged or repeated contact with vapor, and breathing fumes from heating operation. Avoid spillage which can cause very slippery conditions floors. Follow good manufacturing practices and personal hygiene.

Storage recommendations: Do not store near strong oxidizing agents. Do not store the product at temperatures above 50°C, since at these temperatures the product may show deformation in its presentation, but its physicochemical properties will remain unchanged.

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

Control parameters:	It is not considered a dangerous product, so it does not have maximum exposure limits and / or environmental exposure controls.	
Engineering controls:	Use adequate ventilation during heating processes, for storage and ordinary handling, general ventilation is adequate.	

Skin protection:	Insulated gloves with long sleeves, when handling molten material.	
Eye protection:	Wear safety glasses or chemical goggles if eye contact may occur.	
Respiratory protection:	Use N95 dust mask, when conditions of high concentration of dust prevail. During melting or conveying in molten state, use an organic vapor respirator.	
Additional recommendations:	Heat-protective clothing as needed for handling hot material.	

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Solid color brown in pastilles
Odor:	Characteristic
Odor threshold:	Characteristic
pH:	Not Applicable (applicable to liquids and aqueous solutions)
Melting point/freezing point:	69 - 73 °C (Melting point)
Initial boiling point and boiling range:	450°C
Flash point:	260 °C
Evaporation rate:	Not applicable (solid material)
Flammability:	Not available (material melts)
Upper/lower flammability or explosive limits:	Not applicable (it does not apply to solids)
Vapor pressure:	Not applicable (solid material)
Vapor density:	Not applicable (solid material).
Density and/or Relative density:	Not applicable (solid material)
Relative vapor density:	Not applicable (solid material)
Solubility(ies):	Insoluble in Water, soluble in toluene.
Partition coefficient n-octanol/water:	Not available due to the nature of the material.
Auto-ignition temperature:	Not applicable (applicable to gases and liquids)
Decomposition temperature:	Not applicable (applicable to substances that react spontaneously)
Viscosity/ Kinematic viscosity:	Not applicable (applicable only to liquids)
Explosive properties:	It does not contain chemicals that could be explosive
Oxidizing properties:	It is not a oxidizing substance
Molecular weight:	No data available (variable composition)
Characteristics of the particles:	Not applicable (applies only to liquids)
Other information:	-

10. STABILITY AND REACTIVITY:

Reactivity:

No data available for specific assays related to reactivity for this product

Chemical stability:

Stable at normal conditions.

Possibility of hazardous reactions:

Under normal conditions of storage and use, the production of dangerous reactions is not expected. At elevated temperatures above the melting point the generation of hydrocarbon vapors can be expected.

Conditions to avoid:

Avoid contact with strong oxidizing agents.

Incompatibilities:

Strong oxidizing agents.

Hazardous decomposition products:

Depending on conditions of fire, CO, CO₂, and combustible gases may be generated.

Hazardous polymerization:

Will not occur.

11. TOXICOLOGICAL INFORMATION:

Information on likely routes of exposure:

Skin, eyes and ingestion are the main routes of exposure. Inhalation of vapors can occur when working at elevated temperatures.

Potential acute health effects

Eye contact: There is no irritation

Inhalation: no data available

Skin contact: There is no irritation

Ingestion*: no data available

* Candelilla wax is Generally Recognized as Safe (GRAS) as a direct human food ingredient, according to the FDA.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: no data available

Inhalation: no data available

Skin contact: no data available

Ingestion*: no data available

* Candelilla wax is Generally Recognized as Safe (GRAS) as a direct human food ingredient, according to the FDA.

Delayed and immediate effects and also chronic effects from short and long term exposure.

Short term exposure:

Immediate and Delayed effects: no data available.

Long term exposure:

Immediate and Delayed effects: There is no systemic toxicity in 24-day skin tests. The same tests show slight erythema and drying of the skin.

Chronic health effects: no data available.

Acute toxicity	Oral LD50:> 5000 mg / kg (Non-toxic)
Skin corrosion/irritation	Not irritating
Serious eye damage/eye irritation	Not irritating
Respiratory or skin sensitization	No skin sensitization occurs. No respiratory sensitization data
Germ cell mutagenicity	Non-mutagenic
Carcinogenicity	Not carcinogenic
Reproductive toxicity	no data available
Specific target organ systemic toxicity-single exposure	no data available
Specific target organ systemic toxicity-repeated exposure	no data available
Aspiration toxicity	No data available
Numerical measures of toxicity	no data available
Further information	-

12. ECOLOGICAL INFORMATION:

Toxicity:	Non-toxic, not intrinsically toxic to aquatic organisms.
Persistence and degradability:	Uncertain.
Bioaccumulative potential:	Uncertain.
Mobility in soil:	No data available.
Other adverse effects:	-

13. DISPOSAL CONSIDERATIONS:

Disposal considerations: discard as non-hazardous organic solid waste. Incinerate or landfill in accordance with current local, state and federal regulations. The waste collected from spills can be reused, subjecting them to a filtering process.

The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the GHS classification and the proper disposal method.

14. TRANSPORT INFORMATION:

Transport in accordance with current local, state and federal regulations. The above product is not regulated by IATA and it is free to be transported by any mean.

For additional information on shipping regulations affecting this material, contact the information number found on the first.

15. **REGULATORY INFORMATION:**

U.S. -

TSCA Inventory: Listed

SARA Section 313: Not listed as a toxic chemical subject to information requirements.

Prop. 65: Not listed as a substance that causes cancer or birth defects or other reproductive harm

Canada. -

Domestic Substances List (DSL): Listed

Europe. -

European Inventory of Existing Commercial Chemical Substances (EINECS): Listed

Not classified as dangerous according to CLP criteria

16. **OTHER INFORMATION:**

Keep bags closed. Store in a cool place (less than 50°C), because the product could present deformation.

The information is believed to be correct but is not exhaustive and is intended for guidance only, which is based on current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions for the product.

Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.