1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING				
1.1 PRODUCT IDENTIFIER				
Product Name: Candelilla Wax Pastilles			**Family:** Candelillas	
Ingredient Name:	**EC number:**	**REACH registration number:**	**CAS number:**	**INCI Name:**
Candelilla Wax	232-347-0	N.A.	8006-44-8	EUPHORBIA CERIFERA CERA

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 DATA SHEET	
Supplier:	Green Valley Laboratory, 435 Hartford Pike, Killingly, CT 06241, USA
Email:	HelpDesk@dauphineorganics.com
Emergency Contact:	CHEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) — +1 703-527-3887 (Europe)
Country of Origin:	Mexico

2. HAZARDS IDENTIFICATION	
2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	
Physical hazards:	Not Classified
Health hazards:	Not Classified
Environmental hazards:	Not Classified

2.2 LABEL ELEMENTS	
Pictograms:	N.A.
Signal word:	N.A.
Hazard statements:	N.A.
Precautionary statements:	N.A.

2.3 OTHER HAZARDS WHICH DO NOT 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.
Advice to physician:	Treat according to symptoms present. Burns from molten material can be treated as normal thermal burns.

4.2 MOST IMPORTANT SYMPTIMS/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 FIGHTENING MEASURES	
Flammable properties	
Flash point:	>200°C
Flash point method:	Open cup (ASTM D-92).
Autoignition temperature:	Not known.
Upper flame limit (volume % in air):	Not known.
Lower flame limit (volume % in air):	Not 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 40 ° 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 light yellow (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:	244 °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, CO_2, 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 40 °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.