

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

1. Identification of the substance/mixture and company

Trade name: Candelilla Wax
I.N.C.I. Euphorbia Cerifera Cera
CAS No. : 8006-44-8
EINESCS No. : 232-347-0
REACH pre-registration No. : /
Utilization: Raw material for cosmetics
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label elements

None

2.3 Other hazards:

No information available

3. Declaration of ingredients

3.1. Substances

Substance	C.A.S.	EINECS	Percent %
Candelilla Wax	8006-44-8	232-347-0	100

3.2. Mixtures

Non-applicable

4. First aid measures

4.1. Description of first aid measures

If used properly, no special measures are necessary.

General information

Provide fresh air.

After inhalation

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with skin

Rinse immediately carefully and thoroughly with eye-bath or water.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

After contact with eyes
Rinse mouth immediately and drink plenty of water.
After ingestion

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. Fire fighting measures

5.1. Extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings.
Suitable extinguishing media

5.2. Special hazards arising from the substance or mixture
Non-flammable.
In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

6.2. Environmental precautions
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.3. Methods and material for containment and cleaning up
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

7.1. Precautions for safe handling
No special measures are necessary.
Advice on safe handling
No special fire protection measures are necessary.
Advice on protection against fire and explosion

7.2. Conditions for safe storage, including any incompatibilities
Keep container tightly closed.
Requirements for storage rooms and vessels
No special measures are necessary.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

Hints on joint storage

7.3 Specific end uses

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. Exposure controls / personal protection

8.1 Control parameters

To date, no national critical limit values exist.

8.2 Exposure controls



Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

In case of inadequate ventilation wear respiratory protection

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance:

Physical state at 20 °C: Solid

Appearance: pellets, grains

Colour: yellowish

Odour characteristic

Odour threshold: Non-applicable

Melting point at atmospheric pressure: 68-78 °C

Vapour pressure at 20 °C: Non-applicable

Vapour pressure at 50 °C: Non-applicable

Evaporation rate at 20 °C: Non-applicable

Density at 20 °C: Not determined

Relative density at 20 °C: Non-applicable

Dynamic viscosity at 20 °C: Non-applicable

Kinematic viscosity at 20 °C: Non-applicable

Kinematic viscosity at 40 °C: Non-applicable

Concentration: Non-applicable

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

pH: Non-applicable
Vapour density at 20 °C: Non-applicable
Partition coefficient n-octanol/water 20 °C: Non-applicable
Solubility in water at 20 °C: insoluble
Decomposition temperature: not determined
Explosive properties: Non-applicable
Oxidising properties: Non-applicable
Flammability (solid, gas): Non-applicable
Autoignition temperature: not determined
Lower flammability limit: Non-applicable
Upper flammability limit: Non-applicable
Lower explosive limit: Non-applicable
Upper explosive limit: Non-applicable

9.2 Other information

None

10. Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid: None

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

11.1 Information on toxicological effects

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

12. Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.5 Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Information according to 2012/18/EU

(SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): awg - generally hazardous to water

15.2 Chemical safety assessment.

For this substance a chemical safety assessment has not been carried out

16. Additional information

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

CANDELILLA WAX

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.