



Section 1. Product and Company Identification

Product Name Candelilla Wax
CAS Number 8006-44-8

Parchem - fine & specialty chemicals
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CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture
Not classified as a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A
Signal word: N/A

Hazard and precautionary statements

None

Potential Acute Health Effects

Slightly hazardous in case of skin contact (irritant), of ingestion. Non-irritating to the eyes. Non-hazardous in case of inhalation.

Potential Chronic Health Effects

Carcinogenic Effects: Not available.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Developmental Toxicity: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 3. Composition / Information on Ingredients

Common Name Candelilla Wax
CAS Number 8006-44-8

COMPONENT	CAS NUMBER	CONCENTRATION
Candelilla Wax	8006-44-8	100% wt.

Section 4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available

Section 5. Firefighting Measures

Auto-Ignition Temperature: Not available

Flash Points (Open Cup): 235°C (455°F)

Flammable Limits: Not available

Products of Combustion: Not available

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions

Small Fire: Use DRY chemical powder.

Large Fire: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available

Section 6. Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.



Section 7. Handling and Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls / Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Gloves (impervious).

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9. Physical and Chemical Properties

Physical state and appearance: Solid. (Waxy solid in prills form)

Odor: Resinous

Taste: Not available

Color: Yellow. Amber. Yellowish-brown

Molecular Weight: Not available

pH (1% solution/water): Not available

Boiling Point: Not available

Melting Point: 68.5 - 72.5°C (155.3 - 162.5°F)

Critical Temperature: Not available

Specific Gravity (Water = 1): 0.95 - 0.983

Vapor Pressure: Not available

Vapor Density: Not available

Volatility: Not available

Odor Threshold: Not available

Water/Oil Dist. Coefficient: Not available

Ionicity (in Water): Not available

Dispersion Properties: See solubility in water/acetone.

Solubility: Soluble in acetone; Insoluble in cold water



Section 10. Stability and Reactivity

Stability: The product is stable
Instability Temperature: Not available
Conditions of Instability: Excess heat
Incompatibility with various substances: Not available
Corrosivity: Non-corrosive in presence of glass
Special Remarks on Reactivity: Not available
Special Remarks on Corrosivity: Not available
Polymerization: Will not occur

Section 11. Toxicological Information

Routes of Entry: Ingestion.
Toxicity to Animals: Acute oral toxicity (LD50): >5000 mg/kg [Rat].
Chronic Effects on humans: Not available.
Other toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion. Non-hazardous in case of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans

Acute Potential Health Effects

Skin: Not expected to cause skin irritation, but it may cause skin irritation in sensitive individuals.
Eyes: Because this material is in the form of prills, it not expected to cause eye irritation for usual handling.
Inhalation: Not expected to be an inhalation hazard under normal handling conditions. If it is heated/burned, it produces fumes, smoke and carbon monoxide which can be hazardous.
Ingestion: May cause gastrointestinal tract disturbances.

Section 12. Ecological Information

Ecotoxicity: Not available
BOD5 and COD: Not available
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.



Section 14. Transport Information

DOT Classification: Not a DOT controlled material (United States)

Identification: Not applicable

Special Provisions for Transport: Not applicable

Section 15. Regulatory Information

Federal and State Regulations

TSCA 8(b) inventory: Candelilla Wax

FDA: Direct Food Additives GRAS (21CFR 184): Listed as Candelilla wax

FEMA: Generally Recognized as Safe List: Listed as Candelilla Wax (Wax from stems and branches of Euphorbia cerifera)

California Proposition 65 Warnings:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found. California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found

Other Regulations

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 232-347-0).

Canada: Listed on Canadian Domestic Substance List (DSL).

China: Listed on National Inventory.

Japan: Not listed on National Inventory (ENCS).

Korea: Listed on National Inventory (KECI).

Philippines: Listed on National Inventory (PICCS).

Australia: Listed on AICS.

Other Classifications

WHMIS (Canada): Not controlled under W

DSCL (EEC): This product is not classified according to the EU regulation

HMIS Rating

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: B



NFPA Rating

Health: 1

Flammability: 1

Reactivity: 0

Protective Equipment: Gloves (Impervious). Lab coat. Safety glasses

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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