



Section 1. Product and Company Identification

Product Name Shellac Wax
CAS Number 9000-59-3

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER

CHEMTEL

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All other Origins: 1 (813) 248-0585

Collect Calls Accepted

Section 2. Hazards Identification

Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008: This product is not classified as hazardous according to the CLP/GHS Directive.

Classification according to EC Regulation No. 67/548 or No. 1999/45: The material is not subject to classification according to EC lists.

Safety Phrases: N/A

Possible Environmental Effects: N/A

Classification according to EC Regulation 1272/2008: This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation: Not applicable.

Section 3. Composition / Information on Ingredients

Common Name Shellac Wax
CAS Number 9000-59-3

Section 4. First Aid Measures

Description of the First Aid Measures

General information: Remove contaminated clothes.

Inhalation: No special measures required.

Skin contact: Remove contaminated clothing. Wash off immediately with plenty of water and soap.

Eye contact: Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

Ingestion: Rinse mouth with plenty of water and consult physician.

Most important Symptoms and Effects, both Acute and Delayed

Symptoms: No further information available.

Effects: No further information available.

Indication of any Immediate Medical Attention and special Treatment needed

Treatment: Treat symptomatically

Section 5. Firefighting Measures

Extinguishing Media

Suitable extinguishing media: Foam, CO₂, dry extinguishing powder.

Unsuitable extinguishing media: None known.

Special Hazards arising from the Substance or Mixture

In case of fire: formation of carbon oxides.

Advice for Firefighters

Protective equipment: No special measures required.

Further information: Cool exposed containers with water spray. Contaminated extinguishing water and debris should be disposed of according to local regulations

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal precautions: Wear protective clothing. Avoid contact with skin, eyes and clothing. Avoid formation of dust.

Environmental Precautions: Prevent contamination of soil, drains and surface waters.

Methods and Material for Containment and Cleaning Up

Methods and material: Take up mechanically and collect in suitable containers for disposal.

Reference to other Sections: See Section 13 for information on disposal. Protective clothing, see Section 8.

Section 7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling: Provide good ventilation and/or exhaust at the workplace. Ensure adequate ventilation. Handle and open container with care. Avoid contact with eyes and skin. Do not swallow or inhale.

Hygienic measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Take off contaminated clothing immediately. Store working clothes separately.

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store product in a cool, dry and well ventilated area. Store product below 15°C. Do not store together with oxidants.

Requirements for storage areas and containers: No special measures necessary.

Information on fire and explosion protection: Keep away from sources of ignition - do not smoke

Section 8. Exposure Controls / Personal Protection

Parameters to be Controlled

Parameters to be controlled (DE): None known

Parameters to be controlled (EC): N/A

Derived No-Effect Level (DNEL): N/A

Predicted No-Effect Concentration (PNEC): N/A

Additional Information: N/A

Exposure Controls

Technical protective measures: Provide adequate ventilation.

Personal Protection

General protective measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection: Not required.

Hand protection: Protective gloves (EN 374)

Protective glove material: Butyl rubber (480 min; 0.5 mm); Nitrile rubber (480 min, 0.35 mm); Neoprene.

Eye protection: Safety glasses with protective shields (EN 166).

Body protection: Protective clothing.

Environmental precautions: Prevent contamination of open water ways and sewage system. Avoid contamination of ground water.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: Solid

Color: Yellow - brownish **Odor:** Weak

Odor threshold: No information available.

pH-Value: Not available

Melting temperature: 70 - 105°C

Boiling temperature: Not determined

Flash point: > 300°C

Evaporation rate: No information available.

Flammability (solid, gas)

Upper explosion limit: No information available

Lower explosion limit: No information available

Vapor pressure: Not determined

Vapor density: No information available.

Density: Not applicable

Solubility in water: Insoluble

Coefficient of Variation (n-Octanol/Water): Not determined

Auto-ignition temperature: Not applicable

Decomposition temperature: No data available.

Viscosity, dynamic: Not available

Explosive properties: Product is not explosive; however, an explosive dust/air mixture can be formed.

Oxidizing properties: No information available

Bulk density: ca. 400 kg/m³

Section 10. Stability and Reactivity

Reactivity: Stable if used according to specifications.

Chemical Stability: Stable if used according to specifications.

Possibility of Hazardous Reactions: No information available.

Conditions to Avoid

Conditions to Avoid: No information available.

Thermal decomposition: No further information available.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: None if stored and handled according to specifications

Section 11. Toxicological Information

Information on Toxicological Effects

Acute Toxicity

LD50, oral: > 5000 mg/kg (rat)

LD50, dermal: > 10000 mg/kg (rabbit)

LC50, inhalation: No information available.

Primary effects

Irritant effect on skin: The dust particles can cause mechanical irritation.

Irritant effect on eyes: Dust may cause irritation.

Inhalation: Non-irritating.

Ingestion: No information available

Sensitization: Not known.

Mutagenicity: No data available.
Reproductive toxicity: No information available.
Carcinogenicity: No data available.
Teratogenicity: No information available.
Specific target organ toxicity (STOT): No data available.

Additional toxicological information: No health impairments known or expected when used according to specifications.

Inhalation: Long-term overexposure can irritate the respiratory tract and cause coughing.

Section 12. Ecological Information

Aquatic Toxicity

Fish toxicity: No data available.

Daphnia toxicity: EC50: > 500 mg/L (24h, Daphnia magna)

Bacteria toxicity: No information available

Algae toxicity: LC50: > 400 mg/L (24h)

Persistency and Degradability: 34 % (28d); biodegradable (OECD 301E)

Bioaccumulation: No information available.

Mobility: No data available.

Results of PBT and vPvP Assessment: No data available.

Other Adverse Effects

Water hazard class: Do not let product contaminate ground water, waterways or sewage system.

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

ADR/RID: No hazardous goods according to ADR (land transportation).

IMDG/IATA: No hazardous goods according to IMDG.

Environmental Hazards: Not classified as environmentally hazardous.

Special Precautions for User: Not classified as a dangerous good under transport regulations.

Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code: Not applicable

Further Information: Not classified as a dangerous good under transport regulations.

Section 15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class: 1, slightly hazardous for water

Local regulations on chemical accidents: Not listed.

Employment restrictions: N/A

Restriction and prohibition of application: N/A

Technical instructions on air quality: N/A

Chemical Safety Assessment: Product complies with the definition of a polymer: exempted from the mandatory REACH Registration.

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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