



Carnauba Polish

SAFETY DATA SHEET

Section 1 - Identification of the Preparation and the Company

Product Name: **Carnauba Polish**

Other Names: None

This product is classified as hazardous according to the criteria of Safe Work Australia.

Not classified as a Dangerous Good according to the Australian Dangerous Goods Code (ADG).

Uses: A protective finish for timber, marble and metal.

Gilly Stephenson's Waxes & Polishes

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Poisons Information Centre

Poisons Information Centre. Phone (e.g. Australia 13 11 26; New Zealand 0800 764 766).

Section 2 – Hazards Identification

WARNING



Harmful, acute



Environment

Hazard Statements

Skin Irritant Category 2

H315: Causes skin irritation.

Skin Sensitisation Category 1

H317: May cause an allergic skin reaction.

Acute Aquatic Toxicity Category 1

H400: Very toxic to aquatic life.

Precautionary Statements

Prevention

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P331: Do NOT induce vomiting.

P264: Wash hands thoroughly after handling

P332 + P313: If skin irritation occurs: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water

P305 + P313 + P351 + P337 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

P308 + P313 If exposed or concerned: Get medical advice/attention

Storage

P403 + P235 Store in a well-ventilated place. Keep cool

Disposal

P501 Dispose of contents/container to approved landfill.

Section 3 - Composition/Information on Ingredients

Ingredient(s)	CAS-number	%wt
d-Limonene	138-86-3	10-30%
Beeswax		10-30%
Paraffin wax		<10%
Carnauba wax	8015-86-9	<10%
Water	7732-18-5	Balance



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Section 4 – First Aid Measures

Ingestion:

NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If person is conscious, rinse mouth out with water ensuring that mouthwash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre. (Phone e.g. Australia 131126; New Zealand 0800 764 766) or a doctor.

Inhalation:

First aid is unlikely to be required as a result of exposures during normal use. However, if necessary, remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek medical attention.

Eye Contact:

Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least fifteen minutes. Seek medical attention.

Skin Contact:

Remove contaminated clothing and wash thoroughly with soap and water. Use water alone, if soap is unavailable. Apply a moisturising hand cream, if available. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

Additional Information:

First Aid Facilities: Eye wash facilities are recommended if large quantities of the product are being handled

Advice to Doctor: Treat symptomatically.

Entry Route(s): Inhalation or ingestion.

Section 5 – Fire Fighting Measures

Product contains a flammable liquid, d-limonene in an aqueous base. It will not ignite readily but if heated strongly, may evolve flammable vapour. May evolve carbon monoxide, carbon dioxide and traces of completely burned carbon products

In case of fire, evacuate personnel to safe areas. Fire fighters should wear self-contained breathing apparatus. Keep containers as cool as possible by spraying with water from a protected position

Extinguish using whatever is suitable for the primary cause of the fire.

Section 6 – Accidental Release Measures

Wear protective equipment as specified for handling. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep or scrape up and collect in sealable containers. Dispose to approved landfill

Section 7 – Handling and Storage

Storage:

No special storage precautions required but product life will be maximised if it is stored out of direct sunlight in a cool well-ventilated area. The product may react with strong oxidising agents such as liquid or powdered chlorine

Handling:

Avoid prolonged or repeated skin contact.

For Personal Protective Equipment (PPE), see Section 8.

Section 8 – Exposure Controls/Personal Protection

Exposure standards: Exposure standards have not been allocated to this product or its ingredients.

Exposure standards represent airborne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health nor cause undue discomfort to nearly all workers. Exposure standard may be a time-weighted average (TWA), a short-term exposure limit (STEL) or a peak level.



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Engineering Controls:

Ventilation requirements depend on the quantity of product in use and the method of application. If using more than minor quantities, work area should have good, mechanical ventilation. Local exhaust ventilation is unlikely to be required for foreseeable uses of this product.

Personal Protection:

Requirements are dependent on working conditions, method of application and quantity of product in use. For minor use, nitrile, neoprene, PVC or natural rubber gloves may be sufficient. Safety glasses should be worn if there is any potential for eye contact. Respiratory protection is unlikely to be required for foreseeable uses of this product.

Section 9 – Physical and Chemical Properties

Appearance: Paste with a citrus odour
 Boiling Point: 175 - 178⁰C (Based on d-limonene).
 Melting Point: -78 - -96⁰C (Based on d-limonene).
 Vapour Pressure: Low
 Vapour Density: >1
 Specific Gravity: 0.95 (approx.)
 Solubility (Water): Miscible
 Flash Point: >61⁰C
 Explosion Limits: No data available
 % Volatiles: <40%
 Ph: Not relevant

Section 10 – Stability and Reactivity

Stability: Stable under recommended storage and handling conditions

Hazardous Decomposition Products: May evolve carbon dioxide and traces of incompletely burned carbon products if heated to decomposition or burned

Hazardous polymerisation: Will not occur.

Incompatibilities: The product may react with strong oxidising agents such as liquid or powdered chlorine.

Conditions to Avoid: Avoid exposing sealed containers to heat as this may cause a vapour build up and possible explosion. Avoid contact with incompatible materials.

Section 11 – Toxicological Information

Symptoms of Exposure:

ACUTE - SWALLOWED Irritating. May cause coughing, headache, dullness, abdominal spasm and diarrhoea..

ACUTE – EYE: Irritating. May cause redness and pain.

ACUTE – SKIN: Causes skin irritation. May cause skin sensitization, or an allergic reaction is sensitive individuals.

ACUTE – INHALED: Inhalation is unlikely to be a hazard in normal use but if generated vapour may be irritating to the respiratory system.

Chronic Health Effects

Chronic: Prolonged or repeated skin contact may result in sensitisation.

Carcinogenicity: None of the ingredients in this product are listed as carcinogenic by Safe Work Australia, the International Agency for Research on Cancer (IARC), the National Institute for Occupational Safety and Health (NIOSH), the National Toxicology Program (NTP), or the Occupational Health and Safety Administration (OSHA).

Toxicological Information

Acute Toxicity Data:

d-Limonene: LD50 (oral, rat): 4,400 mg/Kg; LD50 (skin, rabbit): > 5,000 mg/Kg.

Section 12 – Ecological Information

No data available. The bulk of this product is composed of ingredients naturally occurring in the environment.

d-Limonene is naturally occurring in the skin of citrus fruit and occurs as a plant volatile. When spilled on land it is apt to volatilize, biodegrade, and leach into the ground water, but no data on the rates of these processes could be found. Its fate in ground water is unknown. It is expected to have a low persistence level but it is toxic to aquatic life in the short term.



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Section 13 – Disposal Considerations

Rinsed containers may be disposed in general waste.

Section 14 – Transport Information

This product is not a dangerous good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code).

UN Number:	None allocated
Proper shipping name:	None allocated
DG Class:	None allocated
HazChem code:	None allocated
Packing group:	None allocated

Section 15 – Regulatory Information

Product is not a scheduled poison according to the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16 – Other Information

REFERENCES

1. List of Designated Hazardous Substances [NOHSC: 10005(1999)]
2. Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals, 2016
3. Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995)] and subsequent amendments
4. AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices.
5. AS/NZS 1716 - Respiratory protective devices.
6. Australian Code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), Edition, 7.4.
7. International Maritime Dangerous Goods Code (IMDG), and current amendments
8. Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) No. 15, November 2016

ABBREVIATIONS

LC50	Lethal dose for 50% of test population, by inhalation.
LDLo	Lowest documented lethal dose
LD50	Lethal dose for 50% of test population, by ingestion or skin contact
TDLo	Lowest published toxic dose

User should verify applicability of this data sheet if more than 5 years old.

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