

MATERIAL SAFETY DATA SHEET

VSP LABORATORIES (Australia) Pty Ltd ISSUE DATE: September 2021

LEMON WAX SOLVENT or CITRUS WAX REMOVER

1. Identification of the material and supplier

Product Name:	LEMON WAX SOLVENT or CITRUS WAX REMOVER
Company:	VSP LABS AUSTRALIA PTY LTD
Address:	Unit 3/31 Sterling Road, Minchinbury NSW 2770
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2. Hazards identification

According to Safe Work Australia (formerly NOHSC) - Hazardous

Not classified as Dangerous Goods according to the criteria of ADG/IATA for transport by Road, Rail and Air.

RISK PHRASES R36/38 Irritating to eyes and skin.

R65 Harmful: May cause lung damage if swallowed.

R43 May cause sensitisation by skin contact.

SAFETY PHRASES S2 Keep out of reach of children.

S23 Do not breathe gas/fumes/vapour/spray (where applicable).

S24 Avoid contact with skin.

S36/36 Wear Suitable protective clothing and gloves

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Potential Health Effects: No potential adverse health effects are anticipated when used in conjunction with the directions contained on the label.

3. Composition/Information on ingredients

CAS No :

Aliphatic hydrocarbon solvent **64742-88-7**

D-Limonene **5989-27-5**

NON HAZARDOUS INGREDIENTS - Fragrance

4. First Aid measures

If Swallowed:

If poisoning occurs, give a glass of water. Do NOT induce vomiting. If vomiting occurs spontaneously, avoid aspiration into the lungs. DO NOT attempt to give liquids to an unconscious person.

Eye:

If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation or pain persists, seek medical attention.

Skin:

Remove contaminated clothing. Wash skin with water. If irritation occurs, seek medical advice. For excessive exposure, wipe contaminated skin with a clean cloth or paper towel to remove excess material. Then wash thoroughly with soap and water and seek medical attention if irritation persists. Launder clothing before re-use.

Inhalation:

Remove contaminated clothing and loosen remaining clothing. Remove from contaminated area. Move to fresh air if possible. If liquid is aspirated into the lungs, seek immediate medical assistance.

First Aid Facilities:

Sterile eyewash container/facilities.

Advice to Doctor:

Treat symptomatically.

5. Fire Fighting Measures :

Flammability:

Combustible liquid. Vapour is heavier than air and may travel some distance in, for example, pits and drains to a source of ignition.

Suitable extinguishing media:

Water spray, carbon dioxide (CO₂), foam, dry powder.

Specific hazards:

On burning, may emit noxious gases including carbon monoxide and carbon dioxide.

Exposure hazards:

Contaminated water from fire hoses or sprinklers must be prevented from draining into watercourses, sewers or the ground water. Sufficient measures must be taken to retain the water used for extinguishing. Contaminated water and soil must be disposed of according to local regulations.

Special protective equipment:

Chemical protection suit, suitable gloves, boots and self contained breathing apparatus.

HazChem Code: None Allocated.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

Environmental precautions:

Prevent entry into sewage systems, ground and surface waters.

Methods for cleaning-up or taking-up:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Scoop into marked containers for disposal as chemical waste and dispose of in accordance with local area regulations.

7. Handling and Storage

Handling Wash face and hands thoroughly with soap and water after use and before eating. Keep away from open flames, hot surfaces and sources of ignition. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing

Storage Keep containers tightly closed in cool, dry, well ventilated area.

Keep away from open flames hot surfaces and sources of ignition.

Flammable area.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store as per manufacturer's storage instructions.

Protect containers from physical damage. Avoid contact with strong oxidising agents.

8. Exposure controls/Personal protection

Exposure limit values

None assigned by Safe Work Australia

Biological Limit Values:

NAP

Engineering Controls:

Ensure adequate ventilation, especially in confined areas.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Ensure respirator is clean and in good working order and complies with AS 1715 and AS 1716.

Hand protection:

Wear suitable, solvent-resistant gloves. It is recommended that nitrile rubber gloves be worn by sensitive individuals.

Eye protection:

Safety glasses with side-shields.

Other:

Always wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form: liquid

Appearance: Clear, colorless to pale yellow

Odour: Strong Citrus Odour

Boiling point: > 100°C

Melting point: < 0°C

Specific Gravity: 0.8 (approx)

Solubility in water: Miscible

Vapour pressure: < 0.1 kPa @ 20 °C

Vapour density (Air): >1

Volatility: >90 %

Flash point: >62°C (PMCC)

Lower explosion limit: 0.6 % (solvent)

Upper explosion limit: 7.0 % (solvent)

Auto-Ignition Temp >200

pH NAV

10. Stability and reactivity

Storage stability

Stable under recommended storage conditions.

Conditions to avoid:

Avoid heat and ignition sources

Materials to avoid:

Strong acids, strong bases, strong oxidizing agents.

Hazardous decomposition products:

No decomposition expected under normal storage conditions. On burning, will emit noxious gases including carbon monoxide and carbon dioxide

11. Toxicological information

Acute Oral: The liquid may be harmful if swallowed. Swallowing can result in nausea, vomiting and diarrhea. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

Acute Skin irritation/corrosion: Irritant when exposure is prolonged. Frequent or prolonged exposure will defat the skin leading to discomfort and possible dermatitis in some sensitive individuals.

Acute Eye irritation/corrosion: Irritant. Contact with eyes may cause moderate irritation. The vapour is mildly irritating to the eyes.

Inhalation: Not tested Not normally an inhalation risk due to low vapour pressure at ambient temperatures. In confined spaces or where ambient ventilation is inadequate, inhalation of vapour may cause irritation to the eyes, headaches, dizziness and respiratory irritation. Small amounts of liquid aspirated into the lungs resulting from accidental swallowing, or from vomiting, may cause lung damage.

Skin Sensitization: Classified (Conventional method) as Skin Sensitizer. Repeated or prolonged exposure could result in skin effects, such as dermatitis, in some sensitive individuals.

12. Ecological information

Ecotoxicity No data is available for this material.

Toxicity to Aquatic Organisms:

Not tested. Limited ecotoxicity data was available for this product at the time this report was prepared.

Ensure appropriate measures are taken to prevent this product from entering the environment.

Biodegradation:

Not tested

13. Disposal considerations

Waste disposal of substance: Observe all local regulations.

Contaminated packaging: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. Transport information

NOT CLASSIFIED AS A DANGEROUS GOODS FOR TRANSPORT

UN No: None Allocated

HAZCHEM: None Allocated (ADG7)

Labels Required: **COMBUSTIBLE LIQUID (C1)**, regulated under AS1940

15. Regulatory information

NICNAS/AICS: All components in this product are listed in the Australian Inventory of Chemical Substances (AICS)

POISONS SCHEDULE: Classified as a Schedule 5 (S5) Poison according to the Standard for the Uniform Scheduling of Drugs (SUSDP)

16. Other information

This MSDS is only safety- related information.

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No liability can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with appropriate regulations and legislation.