



All Australian Candle Making
supplies and kits

Safety Data Sheet

LIME ESSENTIAL OIL

All Australian Candle Making
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Ph: 02 9653 3600
sales@candlemaking.com.au

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1. Identification of the substance / mixture

Trade name: Citrus Aurantifolia Peel Oil

Cas Number: 90063-52-8

Fema Number: 2631

Einecs Number: 290-010-3

1.2. Relevant Identified uses of the substance or mixture and uses advised against

Aromatherapy, natural perfumery, as recommended. Do not ingest.

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency Number

Poison Information Centres can provide additional assistance on 13 11 26 (Australia Wide)

2. HAZARDS IDENTIFICATION

2.1. Classification of the Substance or mixture

Flammable Liquids, Category 3, H226

Skin Irritant, Category 2 - H315

Skin sensitizer, Category 1B-H317

Aspiration Hazard - Category 1 - H304

Hazardous to the aquatic environment, Short-term (acute) - Category 1, H400

Hazardous to the aquatic environment, Long - term (chronic) - Category 1 - H410

2.2. Label Elements

Danger



Hazard Statement

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritations.

H317 - May cause an allergic skin reaction.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statement

P210 - Keep away from heat/sparks/open flames/hot surfaces - no smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves / protective clothing/eye protection/face protection.

P301+P310+P331 - IF SWALLOWED, Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

P302+P352+P333+P313 - IF ON SKIN, wash with plenty of soap and water. If skin irritation or rash occurs; Get medical advice/attention.

P370+P378 - In case of fire: use carbon dioxide, foam, dry powder or water for extinction.

P391 - Collect Spillage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Citrus Aurantifolia Peel Oil 100% CAS 90063-52-8

4. FIRST AID

4.1. Description of necessary first aid measures

4.1. Description of necessary first aid measures

Ingestion:	Rinse mouth with water. Obtain medical advice Keep at rest. Do not induce vomiting. In case of contact with eyes, rise immediately with plenty of water for at least 15 minutes and seek medical attention. Remove person to fresh air and keep at rest. Seek immediate medical advice.
Eye Contact:	Take off immediately all contaminated clothing. Thoroughly wash affected skin with soap and water.

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.

No information available

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.
For safety reason do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. Advise to firefighters

High Temperatures can lead to high pressures inside closed containers.
Avoid Inhalation of vapours that are created. use appropriate respiratory protection.
Do not allow spillage of fire to be poured into drains or watercourses
Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES.

6.1. Personal precautions, protective equipment and emergency procedures.

Evacuate surrounding areas, Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering. Do not breathe vapour/spray. Avoid contact with skin and eyes. information regarding personal protective measures: see section 8.

6.2. Environmental precautions.

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or ground waters.

6.3. Methods and material for containment and clean up

Cover with an inert, inorganic, non-combustible absorbent material (e.g., dry-lime, sand, soda ash)
Place in covered containers using non-sparking tools and transport outdoors
Avoid open flames or sources of ignition (e.g., pilot lights on gas hot water heater.
Ventilate area and wash spill site after material pick up is complete.

6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling.

Do not store or handle this material near food or drinking water. Do not smoke.
Avoid contact with the eyes, skin and clothing. Wear protective clothing and use glasses.
Observe the rules of safety and hygiene at work.
Keep in the original container or an alternative made from compatible material.

7.2. Conditions for the safe storage, including any incompatibilities

Store in tightly closed and preferably full containers in a cool, dry and ventilated area, protected from sunlight. Keep away from sources of ignition (e.g., hot surfaces, sparks, flame and static discharges).
Keep away from incompatible material (see section 10).

7.3. Specific end use(s)

No information available.

8.1. Control Parameters

Components with occupational exposure limits:

CITRAL - CAS No: 5392-40-5

8.2. Exposure Controls

Wear gloves when handling material. The use of safety glasses is recommended. Ensure area is well ventilated.

Use in accordance with general industrial hygiene practice.

8.3. Individual protection measures, such as personal protective equipment.

Eye / Face protection: Chemical safety goggles are recommended, Wash contaminated goggles before reuse.
 Hand Protection: Chemical-resistant gloves are recommended, Wash contaminated gloves before reuse.
 Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
 Respiratory Protection: In case of insufficient ventilation, use suitable respiratory equipment,
 Environmental Protection: Emissions from ventilation or process equipment should be checked to ensure they comply with environmental protection legislation.
 In some cases, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Appearance:	Liquid
Colour:	Yellow-green to dark green-brown
Odour:	Fresh, sweet peel odour
Odour threshold:	Not determined
pH:	Not determined
Melting point/freezing Point:	Not determined
Boiling point/boiling range:	Not determined
Flash point:	46°C
Evaporation Rate:	Not determined
Flammability:	Not determined
Lower flammability/ Explosive limit:	Not determined
Upper flammability / Exposure limit:	Not determined
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Density:	0.858 - 0.882
Relative Density:	1.476 - 1.488
Water solubility:	Insoluble
Soluble in other solvents:	Not determined
Partition co-efficient n-octanol/water	Not determined
Decomposition temperature	Not determined
Viscosity, dynamic	Not determined
Viscosity, kinematic	Not determined
Explosive properties :	Not determined
Oxidising properties:	Not determined

10. STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated

10.3 Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated

10.4 Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5 Incompatible materials

Avoid contact with strong acids and bases and oxidising agents.

10.6 Hazardous decomposition products

During combustion may form carbon monoxide and identified organic compounds.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Based on the data available, the criteria for classification are not met.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage / irritation Based on the data available, the criteria for classification are not met.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Based on the data available, the criteria for classification are not met.

Carcinogenicity Based on the data available, the criteria for classification are not met.

Reproductive toxicity Based on the data available, the criteria for classification are not met.

STOT-single exposure Based on the data available, the criteria for classification are not met.

STOT- repeated exposure Based on the data available, the criteria for classification are not met.

Aspiration hazard May be fatal if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Assessment:

Very toxic to aquatic life with long lasting effects.

Toxicity Experimental / calculated data:

No information available.

12.2 Degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available.

12.5 Other adverse effects

See also sections 6, 7, 13 and 15.

Do not allow to get into waste water or waterways.

13. DISPOSAL CONSIDERATION

13.1 Waste treatment methods

Dispose of in accordance with the national and local environmental regulations.

14. TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
14.1 UN Number	1169	1169	1169
14.2 Proper Shipping Name	EXTRACTS, AROMAIC, LIQUID	EXTRACTS, AROMAIC, LIQUID	EXTRACTS, AROMAIC, LIQUID
14.3 Transport Haz Class (es)	3	3	3
14.4. Packing Group	III	III	III
14.5 Environmental hazards	Yes	Yes	Yes

Additional information

14.6 Special Precautions for user

None known

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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

No information available

16. OTHER INFORMATION

Full text of the R-phases, hazard statements and precautionary statements mentioned in section 3:

H226 - Flammable liquid and Vapour.

H303+H304 - May be harmful if swallowed. May be fatal if swallowed and enters airways.

H313+H315+H316+H317 - May be harmful in contact with skin. Causes skin irritation. Causes mild skin irritation. May cause H319 - Causes serious eye irritation.

H400+H401 - Very toxic to aquatic life. Toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

The information included in this data sheet is based on the available data at the moment the document was issued, It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with the local rules and legislation.

