



**MATERIAL DATA SAFETY SHEET: Rosalina Oil**  
Version: 1.0 Issued: 27<sup>th</sup> March 2018  
earthYard Pty Ltd : ABN 66 603 706 832

**MATERIAL SAFETY DATA SHEET**

Not classified as Hazardous according to Worksafe Australia criteria

**SECTION 1 - MATERIAL & SUPPLY COMPANY IDENTIFICATION**

**1.1 Product Name:** Rosalina Oil  
**1.2 Botanical Name:** *Melaleuca ericifolia*  
**1.4 UN Proper Shipping Name:** Not applicable  
**1.5 UN Number:** Not applicable  
**1.6 AUSTRALIAN Schedule Name:** Not Scheduled  
**1.7 Recommended Product Use:** Cosmetic and aromatherapy ingredient.

**Supplier:** EarthYard Pty Ltd  
**ABN:** 66 603 706 832  
**Address:** Unit 2, 1-3 Sommersville Circuit, Emu Plains, NSW Australia 2750  
**Telephone:** 02 4735 5379  
**Email:** [enquires@earthyard.com.au](mailto:enquires@earthyard.com.au)  
**Emergency Telephone:** 02 4735 5379 (Office Hours 9.00am - 5.00pm Mon-Fri)

**SECTION 2 - PRODUCT COMPOSITION**

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Certified Organic Rosalina Oil	8022-72-8	Not Allocated	100% pure

**SECTION 3 - HAZARD IDENTIFICATION**

**3.1 Physical - Chemical Hazards**

**Explosion:** None identified.  
**Flammable:** Combustible liquid, produces oxides of carbon when burning.  
**Oxidizing:** Not applicable.  
**Toxic:** None identified.  
**Radioactive:** Not applicable.  
**Corrosive:** None identified.  
**Miscellaneous:** None identified.

**3.2 Environmental Hazards:** None identified.

**3.3 Health Hazards**

**Acute Effects:** **Swallowed:** May be harmful.  
**Eye:** May be irritating.  
**Skin:** May be irritating.  
**Inhalation:** May be harmful.  
**Chronic Effects:** None identified.  
**Mutagenic Effects:** None identified.  
**Reproductive Effects:** None identified.  
**Carcinogenic Effects:** None identified.  
**Sensitisation:** None identified.  
**Infectious:** Not applicable.

**SECTION 4 - FIRST AID**

**4.1 Eye Contact:** Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.

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- 4.2 Skin Contact:** Contact a physician immediately.  
Remove any contaminated clothing and footwear. Clean before re-use.  
Wash affected areas thoroughly with soap and water for at least 15 minutes.  
Contact a physician as necessary.
- 4.3 Inhalation:** Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available.  
Contact a physician as necessary.

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**SECTION 4 - FIRST AID CONT.**

- 4.4 Ingestion:** Do Not induce vomiting.  
Wash out mouth with water and give water slowly to dilute [as much as casualty can comfortably drink] provided person is conscious.  
Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.  
Contact a physician or local poison control centre immediately.  
If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.
- 4.5 For Advice:** Contact a Poisons Information Centre [Phone eg Australia 131126; New Zealand 0800 764 766] or a doctor at once.
- 4.6 Advice to Doctor:** Treat symptomatically. Note the nature of this product.  
if possible] to maintain open airway and prevent aspiration.
- 4.5 Contact Point:** Poisons Information Centre Sydney [T] 131126
- 4.6 Advice to Doctor:** Treat symptomatically. Note the nature of this product.

**SECTION 5 - FIRE FIGHTING MEASURES**

- 5.1 Extinguishing Media:** Carbon Dioxide; Dry Chemical; Universal-Type Foam.
- 5.2 Unsuitable Extinguishing Media:** Water Spray; Others not established.
- 5.3 Unusual Firefighting Hazards:** None identified.
- 5.4 Special Procedures:** Determine the need to evacuate or isolate the area according to your local emergency plan.
- 5.5 Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
- 5.6 Combustion Products:** Oxides of carbon.
- 5.7 Contact Point:** Dial 000 Emergency in case of fire [In Australia] or Local Emergency Authority [Out of Australia]

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal Precautions:** Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
- 6.2 Safety Precautions:** Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan;
- 6.3 Environmental Precautions:** Keep away from drains, surface and ground water.  
Report spills to appropriate Authorities if required.
- 6.4 Methods For Cleaning Up:** Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.

**SECTION 7 - SAFE HANDLING AND STORAGE INFORMATION**

- 7.1 Handling:** Avoid inhalation and contact with skin and eyes. Good personal hygiene  
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practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. No smoking.

**7.2 Storage:** Hazardous material. A Scheduled 5 Poison.  
Containers should be kept closed in order to minimise contamination.  
Store in a cool, dry, well ventilated place protected from light.  
Keep from extreme heat and away from ALL sources of ignition.  
Make sure the material does not come into contact with substances listed as:  
"Materials to Avoid", Refer to Section 10.

**7.3 Unsuitable Packaging Materials:** None established.

**7.4 Special Procedures:** None established

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.

**8.2 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum.  
Local exhaust meeting ACGIH criteria is required.

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**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION CONT.**

**8.3 Eye Protection:** General exhaust is recommended.  
Using goggles or face shield is recommended.

**8.4 Protective Gloves:** Using chemical resistant gloves is recommended.

**8.5 Protective Clothing:** Using chemical resistant clothing is recommended.

**8.6 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.

**8.7 Special Engineering Controls:** None established.

**8.8 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

**8.9 Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

TEST	SPECIFICATION
<b>9.1 Appearance:</b>	Clear, pale straw to golden yellow liquid
<b>9.2 Odour:</b>	Characteristic
<b>Odour Threshold:</b>	Not available.
<b>9.3 Specific Gravity:</b>	0.870 to 0.910 @ 20°C
<b>9.4 Refractive Index:</b>	1.4630 to 1.4780 @ 20°C
<b>9.5 Optical Rotation:</b>	Not available.
<b>9.6 pH:</b>	Not available.
<b>9.7 Solubility:</b>	Soluble in ethyl alcohol
<b>9.8 Solubility in Water:</b>	Insoluble
<b>9.9 Flash Point:</b>	> 68°C [CC]
<b>9.10 Flammability Limits [as % v/v in Air]</b>	
<b>Lower Explosion Limit:</b>	Not available.
<b>Upper Explosion Limit:</b>	Not available.

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9.11 Autoignition Temperature: Not available.  
 9.12 Melting Point: Not available.  
 9.13 Boiling Point: Not available.  
 9.14 Vapour Pressure: Not available.  
 9.15 Vapour Density: Not available

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**9.16 SCCNFP Allergens Annex III – Cosmetic Directive 2003/15/EC [7th amendment]. Detection Limit 0.001%.**

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
Amyl Cinnamal:	YES	NO	122-40-7	204-541-5	Not Detected
Amyl Cinnamyl Alcohol:	YES	NO	101-85-9	202-982-8	Not Detected
Anisyl Alcohol:	NO	YES	1331-81-3	215-561-9	Not Detected
Benzyl Alcohol:	NO	YES	100-51-6	202-859-9	Not Detected
Benzyl Benzoate:		NO	YES 120-51-4		204-402-9 Not Detected
Benzyl Cinnamate:	NO	YES	103-41-3	203-109-3	Not Detected
Benzyl Salicylate:		NO	YES 118-58-1		204-262-9 Not Detected
Cinnamal:	YES	YES	104-55-2	203-213-9	Not Detected
Cinnamyl Alcohol:	YES	YES	104-54-1	203-212-3	Not Detected
Citral:	YES	YES	5392-40-5	226-394-6	Not Detected
Citronellol:	NO	YES	106-22-9	203-375-0	Not Detected
Coumarin:	NO	YES	91-64-5	Not allocated	Not Detected
Eugenol:	YES	YES	97-53-0	202-589-1	Not Detected
Farnesol:	YES	YES	4602-84-0	225-004-1	Not Detected
Geraniol:	NO	YES	106-24-1	203-377-1	Not Detected
Hexyl Cinnamal:		YES	NO 101-86-0		202-983-3 Not Detected
Citronellal Hydrate:	YES	NO	107-75-5	203-518-7	Not Detected
iso-Eugenol:	YES	YES	97-54-1	202-590-7	Not Detected
Butyl Phenyl Methyl Propional:	YES	NO	80-54-6	201-289-8	Not Detected
Limonene:	YES	YES	5989-27-5	227-813-5	< 5.0%
Linalool:		YES	YES 78-70-6		201-134-4 < 55.0%
Hydroxyisohexyl-3-Cyclohexene Carboxaldehyde	NO	NO	31906-04-4	250-863-4	Not Detected
Methyl Heptin Carbonate:		YES	NO 111-12-6		203-836-6 Not Detected
Methyl Ionone:	YES	NO	127-51-5	204-846-3	Not Detected
Evernia Prunastri Extract [Oakmoss]:	YES	NO	9000-50-4	289-861-3	Not Detected
Evernia Furfuracea Extract [Treemoss]:	YES	NO	68648-41-9	289-860-8	Not Detected

**9.17 Additional EFFA Listed Sensitisers & IFRA Notifiable Substances. Detection Limit 0.001%.**

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
No Additional Sensitisers:	No	No	NO	Not allocated	Not allocated

**SECTION 10 - STABILITY AND REACTIVITY**

10.1 Stability: Chemically stable, hazardous material. This material presents no significant reactivity hazard.  
 10.2 Conditions to Avoid: None established.  
 10.3 Materials to Avoid: Strong acids, strong alkalis and oxidizing agents.  
 10.4 Flammability: Combustible liquid.  
 10.5 Hazardous Polymerization: Will not occur.



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**10.6 Hazardous Combustion or Decomposition Products:**

Carbon monoxide and unidentified organic compounds may be formed during combustion.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**11.1 Acute Toxicity**

**LD50 [Oral]:** > 2,500 mg/Kg [Rat].

**LD50 [Dermal]:** > 5,000 mg/Kg [Rat].

**LC50 [Inhalation]:** Not available.

**11.2 Exposure Limits**

There is a blanket recommendation of 10 mg/m<sup>3</sup> for inspirable dusts or mists when limits have not otherwise been established.

**OSHA TWA:** None established.

**OSHA STEL:** None established.

**ACGIH TWA:** None established.

**ACGIH STEL:** None established.

**NOHSC TWA:** None established.

**NOHSC STEL:** None established.

**11.3 Short Term Toxicity:** Not available.

**11.4 Long Term Toxicity:** Not available.

**11.5 Human Exposure Tests:** Not available.

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**SECTION 12 - ECOLOGICAL INFORMATION**

**12.1 Eco-toxicity:** None established. Avoid pollution to soil, rivers and the ocean.

**12.2 Mobility:** Low mobility in the soil.

**12.3 Persistence & Degradability:** Low persistence level and readily biodegradable.

**12.4 Bio-accumulative Potential:** None established.

**12.5 Other Adverse Effects:** None established.

**SECTION 13 - DISPOSAL CONSIDERATION**

**13.1 Waste Material:** Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations.

Refer to local Authority advice.

**13.2 Contaminated Packaging:** Dispose of in accordance with current applicable laws and regulations.

Refer to local Authority advice.

**13.3 Note:** Empty containers can have residues, gases and mists.

Use the proper Waste Disposal Methods & Procedures for Empties as well.

**SECTION 14 - TRANSPORT INFORMATION**

**14.1 Transportation:** Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Air Road and Rail. No special transport required.  
Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when the capacity of individual container exceeds 500 Lt], 2.3 [Toxic Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances], and Foodstuffs or Foodstuff empties.

**14.2 UN Number:** Not allocated.

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**14.3 Proper Shipping Name:** Not Regulated.  
**14.4 DG Class / Subsidiary Risk:** Not allocated.  
**14.5 Packaging Group:** Not allocated.  
**14.6 Poison Schedule:** Schedule 6 POISON.  
**14.7 Hazchem Code:** Not allocated.  
**14.8 Maritime Transportation IMDG**  
**IMDG Class:** Not allocated.  
**Label:** Not allocated.  
**UN Number:** Not allocated.  
**Packaging Group:** Not allocated.  
**EMS Number:** Not allocated.  
**Marine Pollutant:** Not allocated.  
**Proper Shipping Name:** Not Regulated.

**14.9 Air Transportation ICAO-TI and IATA-DGR**  
**ICAO / IATA Class:** Not allocated.  
**Label:** Not allocated.  
**UN Number:** Not allocated.  
**Packaging Group:** Not allocated.

**Proper Shipping Name:** Not Regulated.

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**15. REGULATORY INFORMATION**

**15.1 Risk Symbols:**

**Xn** Harmful.

**Xi** Irritant.

**15.2 Risk Phrases:**

**R22** Harmful if swallowed.

**R36** Irritating to eyes.

**R37** Irritating to respiratory system

**R38** Irritating to skin.

**15.3 Safety Phrases:**

**[S2]** [Keep out of the reach of children].

**S3** Keep in a cool place.

**S7** Keep container tightly closed.

**S13** Keep away from food, drink and animal feeding stuffs.

**S20** When using, do not eat or drink.

**S23** Do not breathe fumes/vapour/spray.

**S24** Avoid contact with skin.

**S25** Avoid contact with eyes.

**S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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- S28** After contact with skin, wash immediately with plenty of soap and water.
- S29** Do not empty into drains.
- S35** This material and its container must be disposed of in a safe way.
- S36** Wear suitable protective clothing.
- S37** Wear suitable gloves.
- S39** Wear eye / face protection.
- S45** In case of accident or if you feel unwell, seek medical advice immediately [show the label where possible].
- S46** If swallowed, seek medical advice immediately and show this container or label.
- S51** Use only in well-ventilated areas.
- S60** This material and its container must be disposed of as hazardous waste.  
Not allocated.
- 1** Avoid contact with eyes.
- 3** Wear eye protection when mixing or using.
- 4** Avoid contact with skin.
- 5** Wear protective gloves when mixing or using.
- 6** Wash hands after use.
- 11** No smoking.
- 15** Store under cover in a dry, clean, cool, well ventilated place away from sunlight.
- 23** Keep away from heat, sparks and naked flames.
- 25** Avoid contact with food.
- A** For advice, contact a Poisons Information Centre [Phone eg Australia 131126; New Zealand 0800 764 766] or a doctor at once.
- G1** Urgent hospital treatment is likely to be needed.
- G3** If swallowed, do NOT induce vomiting.

**15.4 Warning Statements:**

**15.5 Safety Directions:**

**15.6 Standard Statements:**

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**SECTION 16 - ADDITIONAL INFORMATION**

**16.1 Revision Date: 14th March 2019**

**16.2 Disclaimer**

This Material Safety Data Sheet was prepared according to:  
The National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011 (2003)].  
The information contained in this Material Safety Data Sheet is obtained from current and reliable sources. Native Oils Australia provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Material Safety Data Sheet summarises our best current knowledge of the

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health and safety hazard information of the product, but does not claim to be all inclusive. This document is thus, intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of Native Oils Australia., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. Native Oils Australia expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by Native Oils Australia as to the fitness for any use. The liability of Native Oils Australia is limited to the value of the goods and does not include any consequential loss. Native Oils Australia shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Native Oils Australia shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

**Manufacturers Statement:**

Essential oils (Eos) are complex, naturally derived chemicals. Often the constituents of the EOs may individually have known risks and hazards, and in some cases the constituents have not been studied, often because there have been no complaints. Used as directed and within the limits specified by the various agencies and associations that study these materials, essential oils are safe and useful ingredients in flavours, fragrances, cosmetics and therapeutic applications. Please refer to the guidelines of the industry in which the product will be offered to the public to abide by the safest known practices. Those organizations include: IFRA, IFEAT, AHPA, ISO Standards for Essential Oils, and publications by various government health organizations regarding the use of these materials.