



ROSENEATH ORGANICS PTY LTD

ABN 91 105 507 944

1 West Street

Mylor, SA, 5153

Tel. (08) 8388 1106

Fax (08) 8388 1106

**Material Safety Data Sheet**

**MELISSA OIL**

Issued: 21 November 2016

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**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF THE  
NATIONAL OCCUPATIONAL HEALTH AND SAFETY COMMISSION (Australia)**

## **IDENTIFICATION**

**Product name:** MELISSA OIL                      **Product code:** Not Applicable

**Use:** Used topically to promote better sleep, relaxation and to reduce agitation or neuralgia. Also very effective for topical use on shingles, eczema and/or irritated skin. Roseneath Melissa Oil does not require dilution into a carrier oil and can be applied 'as-is' to the skin. It is supplied in a GM Free Ricebran Oil Carrier.

**Supplier:** Roseneath Organics Pty Ltd, 1 West Street Mylor SA 5153  
**Contact person:** Adam Voysey - Managing Director  
**Telephone:** Office - (08) 8388 1106 Mobile - 0419 213 157

## **HAZARDS IDENTIFICATION**

**UN No:** None Allocated  
**Hazchem Code:** None Allocated  
**DG Class:** None Allocated  
**Poisons Schedule:** None Allocated

## **INGREDIENTS**

<b>Chemical name</b>	<b>Proportion</b>
1:1 Volumetric extract of dried Melissa officinalis flowering tops in GM Free Ricebran oil	100%

Lemon balm (*Melissa officinalis*) is generally recognized as GRAS  
Ricebran Oil (*Oryza sativa*) is generally recognized as GRAS

## **FIRST AID & HEALTH HAZARD INFORMATION**

There are no potential health effects expected from handling this material. Good manufacturing practices are always recommended when handling any chemical. There are no significant laboratory data to suggest any hazard to humans.

Lemon balm has been used medicinally for more than 2000 years. Most of the time, it has been employed for its sedative, spasmolytic and antibacterial properties. The German Commission E has found Melissa to be a safe and effective calmative and carminative. Extracts of Melissa have also been shown to inhibit HSV-1 and HSV-2. Untoward side effects of Melissa use have not been reported.

... Tyler's Herbs of Choice 1999

Lemon balm is widely sold in Europe as a topical cream for the treatment and prevention of oral and genital herpes. It must be noted that the herb has not shown to prevent transmission of the disease in sexually active or pregnant individuals. Topical Lemon Balm is not associated with any significant side effects, although allergic reactions are always possible. Extracts of lemon balm have been found to produce dose-dependent sedation and potentiation of pentobarbital in mice.

... Mosby's Handbook of Herbs and Supplements and their Therapeutic Uses 2003

Melissa contains volatile oil, glycosides, caffeic acid derivatives, flavonoids and triterpene acids. The drug has mild sedative and carminative, spasmolytic, antibacterial, antiviral, anti-oxidative and anti-hormonal effects. The drug is used for nervous agitation and sleeping problems. No health hazards or side effects are known in conjunction with the proper administration of designated therapeutic doses.

... Thomson PDR for Herbal Medicines 4<sup>th</sup> edition 2007



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**Likely Route of exposure:**    ☐ Inhalation    ☒ Skin Contact    ☐ Ingestion

**Swallowed:** May cause abdominal discomfort, nausea, vomiting, and diarrhea. Give two glasses of water. Do not induce vomiting. Rinse mouth out with plenty of water. Seek medical attention if effects persist.

**Eye:** May produce redness of the conjunctiva. Immediately hold eyes open and flood with fresh running water for at least 5 minutes. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention if effects persist.

**Skin:** The product is considered relatively harmless to the skin. Irritation and skin reactions are possible with extremely sensitive skin or particular allergies. Remove contaminated clothing. Wash skin thoroughly with soap and water. Launder clothing before re-use. Seek medical advice if effects persist.

**Inhalation:** Not normally a hazard due to the non-volatile nature of the product. Short –term harmful health effects are not expected from vapor-generated at ambient temperatures. If first aid is required move victim to fresh air.

**Advice to Doctor:** Treat symptomatically and according to persons condition and specifics of exposure.

## **FIRE FIGHTING MEASURES**

**Flammability:**                      Classification 1

**Extinguishing Media:** Use water spray, carbon dioxide or universal type foam, applied in accordance with the manufacturer's instructions. Do not release runoff from fire control methods to sewers or waterways

**Hazards:**                              Will emit CO, CO<sub>2</sub> and acrid smoke fumes upon combustion

**Special precautions:** Wear self-contained breathing apparatus to minimize risk of exposure to products of combustion when fighting fire

**HAZCHEM:**                          Not Relevant

## **ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures:** CAUTION - spillages are slippery. Do not allow large quantities to enter drains or surface waters.

**Method & Materials for cleanup:**

Clean up immediately. Mop up, or use absorbent (soil, sand, sawdust, inert material, vermiculite). Collect and seal in properly labeled drums for disposal. Wash area down with excess water. Small spills may be diluted and washed to drain with soap and water

## **HANDLING & STORAGE**

**Safe Handling:** Exercise good hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**Storage and Transport:** This product is not categorised as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Other Information:** None



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## **EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure standards:** None assigned

**Engineering controls:** Natural ventilation. Avoid generating or inhaling mists or aerosols.

**Personal protection:** Not normally required. If repeated and/or prolonged contact is likely with concentrated product use rubber or PVC gloves.

## **PHYSICAL & CHEMICAL PROPERTIES**

**Appearance and odour:** Clear oily liquid with a green colour. Smells like fresh cooked biscuits.

**Solubility in water:** Insoluble

**Boiling point:** >100°C

**Specific gravity:** 0.9 ± 0.02

**pH:** NA

**Flash point:** > 200°C according to ASTM D-93

## **STABILITY & REACTIVITY**

**Chemical stability:** Stable at room temperature under normal storage and handling conditions

**Conditions to avoid:** None known

**Incompatible materials:** None known

**Hazardous decomposition products:** None known

**Hazardous reactions:** None known

## **TOXICOLOGICAL INFORMATION**

A knowledge of the available toxicology information and of the chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions

**Swallowed:** Ingestion may cause discomfort, upset stomach and irritation to the gastrointestinal tract.

**Eye:** May cause irritation

**Skin:** No known hazard. Some people can be symptomatically allergic to ricebran oil

**Inhalation:** Not considered a feature of normal use

**Chronic effects:** None known

**Toxicity data:** None known

**After Hours Emergency Medical Assistance:** Poisons Information Centre  
Australia: 13 1126  
New Zealand: 0800 764 766



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## **ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not determined – product is biodegradable with no apparent bioaccumulation potential

**Persistence & degradability:** The ingredients used in this formulation are classified biodegradable.

**Mobility:** Not determined

## **DISPOSAL CONSIDERATIONS**

**Disposal methods:** Single Unit - No special methods  
Large Amounts - Dispose of in accordance with local, state and federal regulations

**Disposal containers:** Sealed containers

**Special precautions in landfills or incineration:** None Known

## **TRANSPORT INFORMATION**

**UN number:** None Allocated

**UN Proper shipping name:** None Allocated

**Class & Subsidiary risk:** None Allocated

**Packing Group:** None Allocated

**Special precautions:** None

**Hazchem Code:** None Allocated

**Regulatory Status** Not regulated

### **Disclaimer:**

This information is provided based on our current knowledge and is intended to describe the product for the purpose of health, safety and environment requirements only. Roseneath Organics Pty Ltd makes no representational guarantee of warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material. Since Roseneath Organics Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product.

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