

ORGANIC ROSEMARY OIL SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

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

1.1 Product Identifier

Label Name: Organic Tasmanian Rosemary Oil
INCI Name: *Rosemarinus officinalis* (Rosemary) flower/leaf/stem Oil
CAS No: 8000-25-7
FEMA Number: 2992

1.2 Other means of identification

Rosemarinus officinalis

1.3 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Aromatic and flavouring agent which should be used as such according to IFRA or FEMAGRAS/FDA guidelines. Use according to manufacturer's directions.
Recommended restrictions: For manufacturing use only.

1.4. Details of the supplier of the safety data sheet

Company name: Essential Oils of Tasmania Pty Ltd
Address: 1520 Channel Highway, Margate, Tasmania, 7054, Australia
Website: www.eotasmania.com.au
E-mail: info@eotasmania.com.au

1.5. Emergency telephone number

Emergency telephone: Essential Oils of Tasmania, Office: +613 6229 4222 (Mon-Fri, 8:30am-4:30pm)
Australian Poison Control Centre: +61131126

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Hazardous substance or mixture according to the globally harmonised system (GHS).
Hazardous according to IATA regulations. No restrictions for airfreight transport

2.2 Label elements including precautionary statements

Pictogram(s):



Signal word:

DANGER

Hazard statement(s):

H226 Flammable Liquid and Vapour
H316 Causes skin irritation
H318 Causes Serious Eye damage
H317 May Cause an Allergic skin reaction

H361fd	Suspected of damaging fertility. Suspected of damaging unborn child
H335	May Cause respiratory irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
AUH019	May form explosive peroxides

Precautionary statement(s) Prevention:

P201	Obtain special instructions before use
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

Precautionary statement(s) Response:

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see advice on this label)
P362	Take off contaminated clothing and wash before reuse
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction
P302+P352	IF ON SKIN: Wash with soap and water
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P391	Collect spillage
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Precautionary statement(s) Storage:

P403+235	Store in a well-ventilated place. Keep cool
P405	Store locked up

Precautionary statement(s) Disposal:

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Chemical Name	Cas. No	Weight %
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Rosemary Oil	8000-25-7	100 %
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For full list of symbols and GHS classifications see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

- Inhalation:** If irritation occurs, remove to fresh air. Seek medical treatment if irritation persists.
- Eye contact:** Rinse thoroughly with plenty of water for 10 – 15 minutes. In case of eye irritation, consult a physician.
- Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothing. Get medical attention if irritation persists.
- Ingestion:** Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms, and affects are described in the labelling (See section 2.2), and /or section 11.

4.3. Indication of any immediate medical attention and special treatment

No data available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Appropriate Extinguishing Media

Use water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Concentrated Vapours are heavier than air. In case of high temperatures, potentially explosive mixtures may develop upon contact with air. Carbon oxides may form.

5.3. Advice for fire-fighters

Special protective equipment for fire fighters:

Use standard procedures for chemical fire. As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH approved (or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation and avoid breathing vapours, gas or mist. Vapours can accumulate in low areas. Contain spillage if safe to do so. For personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entrance into sewers and ground water.

6.3. Methods and material for containment and cleaning up

Contain spillage with non-combustible absorbent material (e.g. sand, earth, diatomite, acid binder, vermiculite, sawdust) and place in container for disposal according to local/national regulations. Alternatively, an electrically protected wet/dry vacuum cleaner can be used to collect spillage and material to container for adequate disposal. Store in adequate, closed container.

6.4. Reference to other sections

For disposal see section 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Close packaging after use. Avoid skin, eye contact and ingestion. Wear appropriate personal protection. Avoid high temperatures and sources of ignition – No Smoking. Avoid oxidants and acids. Maintain adequate local and general ventilation where the product is used.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool dry area. Keep container tightly closed in a well-ventilated area. Protect from light. Reproduce labelling if damaged or transferred to another container. Keep upright to prevent leakage.

Temperature: Ideally maintain storage temperature at 2-5°C.

7.3. Specific end use(s)

See section 1.3. No other specific used.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits 10 mg/m³, on the basis of Workplace Exposure Standards for Airborne Contaminants. Australia.

8.2. Exposure controls

General protective and hygienic measures:

Avoid skin and eye contact. Keep away from foodstuffs and beverages. Handle in accordance with good industrial hygiene and safety practice.

Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

Environmental Exposure Controls:

The product should not be allowed to enter drains, water courses or the soil.

Eye/face Protection: Safety glasses with side-shields conforming to appropriate government standards.

Hand Protection: Handle with gloves (latex or nitrile). Inspect gloves before handling material. Remove carefully so as to avoid contaminating skin.

Skin and body protection: Wear suitable protective clothing where the type will depend on the possible contaminant concentrations.

Respiratory protection: Where risk assessment suggests respirator is needed due to poor engineering measures, use a full face respirator of appropriate local quality.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Botanical name:	<i>Rosmarinus officinalis</i> .
Aspect (@20° C):	Mobile, viscous material
Appearance:	Colourless to pale yellow.
Odour:	Characteristic, recalling that of rosemary.
Specific Gravity at 20° C (g/cm³):	0.780 – 0.980
Optical Rotation at 20° C (α):	-
Refractive Index at 20° C:	1.462 – 1.472
Solubility:	Soluble in 90% ethanol, Insoluble in water.
Process:	Obtained by steam distillation from flowering parts of a high α -pinene variety of the <i>Rosmarinus officinalis</i> plant.
Flash Point (Closed cup):	43.5
Shelf Life:	3 years from date of manufacture if stored in original, unopened container at ambient temperature.

9.2. Other Information

No data available.

10. STABILITY & REACTIVITY

10.1. Reactivity

Dangerous reactions: No dangerous reactions known if kept in accordance with recommended conditions (section 7.2) and according to relevant identified uses (section 1.2).

10.2. Chemical stability

Stable product if kept in accordance with the recommended conditions (section 7.2) and the relevant identified uses (section 1.2).

10.3. Possibility of hazardous reactions

No unstable or dangerous substances formed in decomposition, if kept according to the recommendations of section 7.2 and according to the relevant identified uses under section 1.2.

10.4. Conditions to avoid

Avoid exposure to high temperatures, flames, sparks and exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Strongly oxidizing agents.

10.6. Hazardous/decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1. Acute toxicological information

Acute Toxicity:	No data available
Respiratory or skin sensitisation:	No data available
Serious eye damage/eye irritation:	No data available
Skin corrosion/irritation:	No data available

Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeat exposure:	No data available
Aspiration hazard:	No data available
Additional information:	No data available

11.2. Chronic toxicity

No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not allow the product to enter the ground water or drains. Even diluted quantities may cause long lasting effects to aquatic life.

12.2. Persistence and degradability

No data available

12.3. Bio-accumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessments

This substance does not have a PBT or vPvB classification to the best of our knowledge, as the chemical safety assessment is not required/conducted.

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products:

Do not flush residual waste product into the sewers or ground water. Dispose of in accordance of legal requirements regarding environmental protection and regarding disposal of waste as well as the requirements of any local authorities. Surplus and not recyclable products to be eliminated by an authorized waste collection company only.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

IMDG

Proper shipping name EXTRACTS, AROMATIC, LIQUID

Hazard class - 3,
UN/ID No - 1169
Packing Group - III

ADR

Proper shipping name EXTRACTS, AROMATIC, LIQUID
Hazard class - 3,
UN/ID No - 1169
Packing Group - III

IATA

Proper shipping name EXTRACTS, AROMATIC, LIQUID
Hazard class - 3,
UN/ID No - 1169
Packing Group - III

15. REGULATORY INFORMATION

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

Classification according to the directive EU 67/548.EEC and 1999/45/CE.

International Inventories

TSCA -
EINECS/ELINCS -
DSL/NDSL -
PICCS -
ENCS -
IENSC -
AICS -
KECL -

Legend

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory.
EINECS/ELINCS – European Inventory of Existing Chemical Substances/EU List of Notified Chemical Substances.
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List.
PICCS – Philippines Inventory of Chemicals and Chemical Substances.
ENCS – Japan Existing and New Chemical Substances.
IECSC – China Inventory of Existing Chemical Substances.
AICS – Australian Inventory of Chemical Substances.
KECL – Korean Existing and Evaluated Chemical Substances.





15.2. Chemical safety assessment

No data available.

16. OTHER INFORMATION

Hazardous substance or mixture according to the globally harmonised system (GHS).
Not-Hazardous according to IATA regulations. Restrictions for airfreight transport

Hazard class	Category	Signal Word	Pictogram
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Acute toxicity, oral	Category 4	Warning	
Skin corrosion/irritation	Category 2	Warning	
Skin sensitisation	Category 1	Warning	
Serious eye damage/eye irritation	Category 2A	Warning	

Classification according to EU Directives 67/548/EEC or 1999/45/EC

This MSDS complies with the requirements of Regulation (EC) No. 1907/2006.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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End of Safety Data Sheet