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# SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product description:

Product name: EUCALYPTUS RADIATA ORGANIC ESSENTIAL OIL

Biologically defined: OIL STEAM DISTILLED FROM THE LEAVES OF THE EUCALYPTUS RADIATA.

INCI no: EUCALYPTUS RADIATA VAR. AUSTRALIANA

Synonyms: NARROW-LEAVED PEPPERMINT, FORTH RIVER PEPPERMINT.

REACH no.: N/A

FEMA no.: N/A

HS no:3301.29

CAS no: 92201-64-4

EINECS no: 295-995-3

IMCO class no: 3

UN no: 2319

Chemical Family: MYRTACEAE

**Normal Use:** COSMETICS, FLAVOUR AND FRAGRANCE AGENT

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## 2. HAZARD IDENTIFICATION

### Classification (1999/45):

Xi+F, R10-R36-S02-S16-S26

### Classification (EC 1272/2008):

UN GHS: FL3, H320

EC CLP: FL3, H320

### Labels:



GHS02

GHS07

GHS08

GHS09

### Safety phrases:

R10: flammable.

R36: irritating to the eyes.

S02: keep out of the reach of children.

S16: keep away from sources of ignition.

S26: in case of contact with eyes, rinse immediately with water and seek medical advice.

### Hazard statements

H226: Flammable liquid and vapour

H303: May be harmful if swallowed

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H401: Toxic to aquatic life

#### Precautionary statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment..
- P242 Use only non-sparking tools.
- P251 Pressurized container: Do not pierce or burn, even after use..
- P262 Do not get in eyes, on skin, or on clothing.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wash hands thoroughly after handling
- P281 Use personal protective equipment as required.
- P284 Keep away from heat/sparks/open flames/hot surfaces. – No smoking..
- P370 + P380 In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
- P371 + P380 + P375 In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
- P381 Eliminate all ignition sources if safe to do so.
- P391 Collect spillage.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P309 + P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P402 + P404 Store in a dry place. Store in a closed container.
- P404 + P233 Store in a well-ventilated place. Keep container tightly closed.

#### Status of goods:

dangerous

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### 3. COMPOSITION/AND INFORMATION ON INGREDINETS

NAME	CAS	EINECS	%
LIMONENE	5989-27-5, 7705-13-7	227-813-5	0 TO 5
1.8 CINEOLE	470-82-6	207-431-5	60 TO 90
LINALOOL	78-70-6, 11024-20-7	201-134-4	<1

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### 4. FIRST AID MEASURES

Eye contact: Flush with large amounts of water

Skin contact: Wash exposed area with soap and water

Ingestion: Call physician for advice

Inhalation: Move into a open air space

In case of doubt or if the symptoms persist, always consult a doctor

NEVER give anything by mouth to an unconscious person.

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## 5. FIRE FIGHTING MEASURES

Extinguishing media:	Carbon dioxide, powder foam
Unsuitable extinguishing media:	Water (can help spread the flame)
For dangerous products:	Formation of CO, CO, acrolein, toxic fumes in case of fire
Fire Protection:	Keep away from and avoid contact with flames and sparks

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## 6. ACCIDENTAL RELEASE MEASURES

Refer to the protection procedures listed in items 7 and 8.  
Contain and absorb leaks with non-combustible absorbent materials, e.g.: sand, soil, vermiculite, and diatomaceous earth in the barrels for waste disposal. Contain spillage with sawdust  
Do not allow to enter drains of water sources.  
Preferably clean with a detergent, avoid using solvents.

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## 7. HANDLING AND STORAGE

The requirements relating to the storage premises apply to the workshops in which the product is handled.  
Handling: Use only equipment resistant to vegetable oils, avoid leaks, ensure it does not soak into the floor.  
Storage: Keep in closed containers, in an inert atmosphere and away from light, heat and moisture.  
Keep away from and avoid contact with flames, sparks or strong oxidizing agents.

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## 8. EXPOSURE CONTROLS – PERSONAL PROTECTION

Protective equipment

Skin protection: Gloves



Eye protection: Goggles



Other protective equipment: Work clothing, mask, and safety shoes



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## 9. PHYSICAL PROPERTIES

Relative density:	<1
Acidic-alkaline nature of preparation:	weak acid
Solubility of preparation in water:	insoluble
Vapour pressure of volatile components at 50°C:	Not applicable
Physical states:	Liquid
Flash point range:	49°C
Ph when measurable:	Not specified
Auto-ignition temperature:	300°C
Decomposition temperature:	300°C
Average distillation temperature of contained solvents:	Not specified

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## 10. STABILITY AND REACTIVITY

Stable under the recommended handling and storage conditions (see item 7)  
Hazardous decomposition products: acrolein in air from 200°C  
Dangerous reactions: not applicable  
Materials and/or conditions to avoid: Strong oxidisers or heat  
Stability: Stable

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## 11. TOXICOLOGICAL INFORMATION

Contains no substances classified as dangerous according to EC1272/2008, EC1272/2006

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## 12. ECOLOGICAL INFORMATION

This substance is biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into aquatic environment may kill fish and other aquatic organisms by oxygen depletion.

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## 13. DISPOSAL CONSIDERATIONS

Do not pour into drains or into water sources  
Incineration: Incinerate in accordance with local regulations  
Containers: used containers (observe the local regulations)

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## 14. TRANSPORT INFORMATION

Warning label:



UN number: 2319  
IMCO class: 3  
Proper shipping name: Terpene Hyrdocarbon  
Packing group III  
EMS F-E, S-D

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#### 15. REGULATORY INFORMATION

Not classified

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#### 16. OTHER INFORMATION

As the users' conditions of work are not known, the information contained in this Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations.

The product must not be employed for uses other than those specified in item 1 with our having previously obtained written handling instructions. Users are responsible for taking all measures necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our product and not as a guarantee of its properties.

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