SECTION 1: Identification of the substance/ mixture and of the Company / undertaking

1.1 Product Identifiers
Product Code : 029
Product Name : EUCLYPUS STAIGERIANA OIL
CAS No. (TSCA) : 91771-69-6
EINECS : 294-963-6
Reach Registration number: N/A
Reach Pre-Registration number: N/A

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available
Application of the substance / preparation:
Perfumes & Fragrances

1.3 Manufacturer / Supplier Details:
Golden Grove Naturals Pty Ltd
Munro Wharf Road, Tucki Tucki, NSW 2480
Email: info@goldengrovenaturals.com

1.4 Information in case of emergency:
Mr. Prasenjit Mazumdar
Ph.: +91 9810008844
Email: pmazumdar@goldengrovenaturals.com

SECTION 2: Hazard Identification

2.1 Classification of the substance / preparation
Classification according to Regulation (EC) No. 1272/2008
Flam. Liq. 3 H226: Flammable liquid and vapour
Acute Tox. Oral 4 H302: Harmful if swallowed
Asp. Tox. 1 H304: May be fatal if swallowed and enters airways
Skin Irrit. 2 H315: Causes skin irritation
Skin Sens. 1 H317: May cause an allergic skin reaction
Aquatic Chronic 2 H411: Toxic to aquatic life with long-lasting effects

2.2 Label Elements
Labelling according to Regulation (EC) No. 1272/2008
This product is classified and labelled according to the CLP regulation.

GHS Signal Word
DANGER

Hazard Pictograms

Hazard Determining components of Labelling
Limonene
**Safety data sheet**

*according to 1907/2006/EC, Article 31*

**Version:** SDS/2019/01  
**Product Name:** EUCALYPTUS STAIGERIANA OIL

---

### Hazard Statements

- **H226** Flammable liquid and vapour
- **H302** Harmful if swallowed
- **H304** May be fatal if swallowed and enters airways
- **H315** Causes skin irritation
- **H317** May cause an allergic skin reaction
- **H411** Toxic to aquatic life with long lasting effects

### 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
- **P280** Wear protective gloves/protective clothing/eye protection/face protection
- **P301+330+331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
- **P333+313** If skin irritation or a rash occurs: Get medical advice/attention
- **P403+235** Store in a well-ventilated place. Keep cool

### 2.3 Other Hazard

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment.

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### SECTION 3: Composition / Information of Ingredients

#### 3.1 Chemical characterisation: Substance

- **TSCA CAS Number:** 91771-69-6
- **EINECS CAS Number:** N/A
- **Description:** Eucalyptus staigeriana
- **EINECS Number:** 294-963-6

#### 3.2 Dangerous components:

LIMONENE (CAS No. 5989-27-5) AH 1,EH A1,EH C1,FL 3,SCI 2,SS 1B-H226,H304,H315,H317,H400,H410; Amount: 15 - 35%

#### 3.3 Additional Information:

For the wordings of listed H statements refer to section 16

---

### SECTION 4: First AID Measures

#### 4.1 Description of first aid measures

**General information:**
If health disorder happens, call for medical help immediately. Immediately remove any clothing soiled by the product.

**After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably on side position for transportation.

**After skin contact:**
Immediately wash with water and soap and rinse thoroughly.

**After eye contact:**
Rinse opened eye for several minutes under running water.

**After swallowing:**
Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.
SECTION 5: Fire Fighting Measures

5.1 Extinguishing media
   Suitable extinguishing agents: CO2, alcohol resistant foam, powder, water spray.
   For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture
   In case of fire, the following can be released:
   Carbon monoxide (CO)
   Carbon dioxide (CO2)
   Smoke and soot
   Do not use water with full jet to prevent fire spreading.

5.3 Advice for firefighters
   Protective equipment: Wear self-contained respiratory protective device.
   Additional information
   Cool endangered receptacles with water spray.
   Collect contaminated firefighting water separately. It must not enter the sewage system.
   Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
   Follow safety measures in chapter 7 and 8.
   Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:
   Do not allow to penetrate the ground/soil.
   Inform respective authorities in case of seepage into water course or sewage system.
   Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up:
   Wipe up little amounts with absorbent material like cloth or pulp.
   Water and cleansing agent
   Absorb with incombustible liquid-binding material (sand, diatomite, universal binders).
   Dispose of contaminated material as waste according to item 13.

6.4 Reference to other sections
   Keep ignition source away, do not smoke and avoid flames.
   See Section 7 for information on safe handling.
   See Section 8 for information on personal protection equipment.
   See Section 13 for disposal information.
SECTION 7: Handling and storage

7.1 Precautions for safe handling
   Personal protection equipment see point 8.
   
   Information about fire - and explosion protection:
   Fumes can combine with air to form an explosive mixture.
   Moistened solids (e.g. cloth, pulp, filter panel, binder) must be stored hermetically sealed and/or
   watered and proper disposed (see chapter 9 and 13).
   Keep ignition sources away - Do not smoke.
   Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities
   Storage:
   Requirements to be met by storerooms and receptacles:
   Store only in unopened original receptacles.
   Provide solvent resistant, sealed floor.
   
   Information about storage in one common storage facility: Store away from oxidising agents.
   Further information about storage conditions:
   Keep container tightly sealed.
   Store in cool, dry conditions in well-sealed receptacles.
   
   Storage class: 3
   Classification according to Betriebssicherheitsverordnung (BetrSichV) Flammable

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters
   No Data Available
8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures:**
Use personal protective equipment depending on concentration and amount of hazardous substance.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

**Respiratory protection:**
Suitable respiratory protection: filter class A2 (brown colour).
Use the rules for application of respiratory protection systems.

**Protection of hands:**
Preventive skin protection by use of skin-protecting agents is recommended.

**Protective gloves**
The glove material must be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**
The election of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**
> 480 minutes at layer thickness of 0,425 millimetre (Sol-Vex 37-695/Ansell).
The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

**For the permanent contact gloves made of the following materials are suitable:**
Nitrile rubber, NBR
E.g. following product: Sol-Vex (37-695) from Ansell.

**As protection from splashes gloves made of the following materials are suitable:** PVC gloves

**Eye protection:**

Tightly sealed goggles according to EN 166:2001

**Body protection:** Protective work clothing
SECTION 9: Physical and chemical properties

General Information

Form : Liquid
Colour : Colourless to pale yellow
Odour : Strong lemon citrus with fruity and floral backnotes.
Odour Threshold : N/A

Change in Condition

Melting Point °C : N/A
Boiling Point °C : 180° to 200°C @760 mm Hg
Flash Point (Closed Cup) °C : 60°C
Specific Gravity/Relative Density : 0.870 - 0.890 @20°C
Refractive Index : 1.472 - 1.482 @20°C
Vapour Density : N/A
Vapour Pressure : N/A
Solubility:
  Water : Insoluble
  Alcohol : Soluble
Flammability : Flammable
Auto Ignition Temperature : N/A
Explosive Limits
  Lower Explosion Limits : N/A
  Upper Explosion Limits : N/A
pH value : N/A
Optical Rotation : -35° to -20°
Surface Tension : N/A
Partition Coefficient : N/A
Granulometry : N/A
Oxidising Properties : N/A
Viscosity : Not estimated

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
Heating causes vaporisation and formation of ignitable atmosphere is possible.

10.3 Possibility of hazardous reactions
Formation of explosive gas mixture with air possible.
Product is not self igniting; but in case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).
Reacts violently with oxidising agents.

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials:
No further relevant information available.

10.6 Hazardous decomposition products:
No dangerous decomposition products expected by intended use.
SECTION 11: Toxicological information

11.1 Toxicological Information Acute

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<th>Information</th>
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</tr>
<tr>
<td>Inhalation</td>
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<tr>
<td>Skin</td>
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</table>

11.2 Exposure Limits

No data available

Note: There is a blanket recommendation of 10 mg/m3 for inspirable dusts or mists when limits have not otherwise been

SECTION 12: Ecological information

12.1 Toxicity

<table>
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<tr>
<th>Parameter</th>
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</tr>
<tr>
<td>EC50 (48hrs)</td>
<td>No data available</td>
</tr>
<tr>
<td>LC50 (96hrs)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

Not Determined

12.3 Mobility in Soil

Not Determined

12.4 Results of PBT and vPvB assessment

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Product/packaging disposal
- Handle in accordance with official provisions

Waste treatment options
- Recycling is preferred to disposal or burning

Disposal conditions
- Dispose of in accordance with all federal, state and local environmental regulations.

13.2 Recommendations:

Empty contaminated packing thoroughly as they may be recycled
- Moistened solids to be dispose-off adhering to necessary technical regulations after consulting concerned authorities

SECTION 14: Transport information
14.1 Land Transport (ADR/RID/GGVSE)
- UN Number: 1169
- DG Class: 3
- Packing Group: III
- Proper Shipping Name: EXTRACTS, AROMATIC LIQUID
- Classification code: 3Y

14.2 Sea Transport (IMDG-Code/GGVSE)
- UN Number: 1169
- DG Class: 3
- Packing Group: III
- Proper Shipping Name: EXTRACTS, AROMATIC LIQUID
- Marine Pollutant: N/A

14.3 Air Transport (ICAO-TI/IATA-DGR)
- UN Number: 1169
- DG Class: 3
- Packing Group: III

ADR/IMDG/IATA Labels:

14.4 Special precautions for users:
Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash before reuse. Prevent entry into drains, ground/surface water or sewerage system.

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

Other Information
Custom Tariff Code: 3301.29.0000
EmS Code: --

SECTION 15: Regulatory information

15.1 EU regulations:
The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.

15.2 Water Hazard Class (Germany):
N/A

15.3 Chemical safety Assessment:
No data available

15.4 Other regulations, limitations and prohibitive regulations
- EPA: No
- TSCA: No
- DSL: No
- Preposition 65: No

Comply with the rules and regulations of skin protection.
SECTION 16: Other information

Abbreviations used:
EC  European Commission
EU  European Union
DG  Dangerous Goods
CAS  Chemical Abstract Service
EINECS  European Inventory of Existing Commercial chemical Substances
GHS  Globally Harmonized System
CMR  Carcinogen, Mutagen, Reprotoxic
PNEC  Predicted No Effect Concentration
EC50  Effective Concentration 50 percent
LC50  Lethal Concentration 50 percent
PBT  Persistent Bio accumulative and Toxic
vPvB  Very Persistent Very Bio accumulative
EWC  European Waste Catalogue
EmS  Emergency Medical Services
ADR  Transport of Dangerous Goods by Road
RID  International Carriage of Dangerous Goods by Rail
GGVSE  German Regulation on the Transport of Dangerous Goods by Road and Rail
MDG  International Maritime Dangerous Goods
ICAO-TI  International Civil Aviation Organization-Technical Instructions
IATA-DGR  International Air Transport Association-Dangerous Goods Regulation
WGK  Wassergefährdungsklassen
EPA  Environmental Protection Agency
TSCA  Toxic Substance Control Act
DSL  Dangerous Substance List

16.2 Full text of the H-Statement used in Section -3. (follow the link)

Quality Declaration
The information contained herein is based on the present state of our knowledge. It characterizes the product with regards to the appropriate safety precaution.