

# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

## Section 1. Identification of the substance or the mixture and of the supplier

### 1.1 Product Identifier

**Product identifier:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Other identifiers:** None

### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

### 1.3 Details of the supplier of the safety data sheet

**Company name:** Ramesh Flowers Private Limited

**Company address:** A-62(A), SIPCOT Industrial Complex  
Therku Veerapandiapuram  
Tuticorin – 628002  
Tamil Nadu  
India

**Contact:** Regulatory Affairs

**E-Mail address:** ra@gala-group.com

**Company phone:** (+)91 461 2340505

### 1.4 Emergency telephone number

**Emergency phone:** (+) 91 9894372965

## Section 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Class and category of danger:** Flammable Liquid, Hazard Category 4  
Skin Corrosion / Irritation Category 2  
Eye Damage / Irritation Category 2  
Sensitization - Skin Category 1  
Specific Target Organ Toxicity (Single Exposure) Category 3  
Hazardous to the Aquatic Environment - Acute Hazard Category 3  
Hazardous to the Aquatic Environment - Long-term Hazard Category 3  
H227, Combustible liquid.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H412, Harmful to aquatic life with long lasting effects.

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

### 2.2 Label elements

**Signal word:** Warning

**Hazard statements:** H227, Combustible liquid.  
H315, Causes skin irritation.  
H317, May cause an allergic skin reaction.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H412, Harmful to aquatic life with long lasting effects.

**Precautionary statements:** P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.  
P261, Avoid breathing vapour or dust.  
P264, Wash hands and other contacted skin thoroughly after handling.  
P271, Use only outdoors or in a well-ventilated area.  
P272, Contaminated work clothing should not be allowed out of the workplace.  
P273, Avoid release to the environment.  
P280, Wear protective gloves/eye protection/face protection.  
P302/352, IF ON SKIN: Wash with plenty of soap and water.  
P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312, Call a POISON CENTRE or doctor/physician if you feel unwell.  
P333/313, If skin irritation or rash occurs: Get medical advice/attention.  
P337/313, If eye irritation persists: Get medical advice/attention.  
P362, Take off contaminated clothing and wash before reuse.  
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.  
P403/233/235, Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405, Store locked up.  
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

**Pictograms:**



**Other hazards:** None

# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

## Section 3. Composition / information on ingredients

### 3.2 Mixtures

**Contains:**

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

Name	CAS	EC	%	GHS Classification
Dipropylene glycol methyl ether acetate	88917-22-0	406-880-6	85.00%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-STOT SE 3;H227-H315-H319-H335
Dihydromyrcenol	18479-58-8	242-362-4	1.65%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303-H315-H319-H402
Benzyl acetate	140-11-4	205-399-7	1.50%	Acute Tox. 5-Aquatic Acute 2-Aquatic Chronic 3;H303-H401-H412
Linalool	78-70-6	201-134-4	1.48%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H227-H303-H315-H317-H319-H402
Benzyl benzoate	120-51-4	204-402-9	0.94%	Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2;H302-H313-H400-H411
dl-Limonene (racemic)	138-86-3	205-341-0	0.67%	Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1-Aquatic Acute 1-Aquatic Chronic 3;H226-H304-H315-H317-H400-H412
dl-Citronellol	106-22-9	203-375-0	0.62%	Acute Tox. 5-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 2;H303-H313-H315-H317-H319-H401
alpha-Terpineol	98-55-5	202-680-6	0.62%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2;H227-H303-H315-H319-H401
Linalyl acetate	115-95-7	204-116-4	0.49%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 3;H227-H315-H317-H320-H402
Benzyl salicylate	118-58-1	204-262-9	0.45%	Acute Tox. 5-Eye Irrit. 2B-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H303-H317-H320-H401-H412
Geraniol	106-24-1	203-377-1	0.39%	Acute Tox. 5-Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1-Aquatic Acute 3;H303-H315-H317-H318-H402
3,7-Dimethyl-1,6-nonadien-3-ol	10339-55-6	233-732-6	0.30%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3;H227-H303-H315-H319-H402
3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	3407-42-9	222-294-1	0.24%	Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3-Aquatic Chronic 3;H315-H319-H412
2-Methyl-3-(p-isopropylphenyl)propionaldehyde	103-95-7	203-161-7	0.23%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 3;H227-H303-H315-H317-H401-H412
Hydroxycitronellal	107-75-5	203-518-7	0.23%	Eye Irrit. 2A-Skin Sens. 1B-Aquatic Acute 3;H317-H319-H402
Allyl (3-methylbutoxy)acetate	67634-00-8	266-803-5	0.21%	Flam. Liq. 4-Acute Tox. 4-Skin Irrit. 2-Aquatic Acute 2;H227-H302-H315-H401
Eucalyptol	470-82-6	207-431-5	0.19%	Flam. Liq. 3-Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1B;H226-H303-H316-H317
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran	1222-05-5	214-946-9	0.19%	Skin Irrit. 3-Aquatic Acute 1-Aquatic Chronic 1;H316-H410
Coumarin	91-64-5	202-086-7	0.18%	Acute Tox. 4-Skin Sens. 1B-Aquatic Acute 3;H302-H317-H402
Methyl-alpha-ionone	127-42-4	204-842-1	0.17%	Skin Irrit. 2-Eye Irrit. 2B-Aquatic Acute 2-Aquatic Chronic 2;H315-H320-H411
l-Menthol	2216-51-5	218-690-9	0.15%	Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2B-Aquatic Acute 3;H303-H315-H320-H402
1-Methyl-3-(4-methyl-3-pentenyl)cyclohex-3-ene-1-carbaldehyde	52474-60-9	257-941-7	0.12%	Aquatic Acute 1-Aquatic Chronic 1;H410
Acetyl cedrene	32388-55-9	251-020-3	0.12%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1;H303-H317-H410

**Substances with Community workplace exposure limits, not listed above:**

Not Applicable

# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

## Section 4. First-aid measures

### 4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTRE or doctor/physician if you feel unwell.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

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

None expected, see Section 4.1 for further information.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

# SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

## 6.4 Reference to other sections:

Also refer to sections 8 and 13.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed.

### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

Workplace exposure limits: Not Applicable

### 8.2 Exposure Controls

#### Eye / Skin Protection

Wear protective gloves/eye protection/face protection

#### Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Liquid
<b>Odour:</b>	Characteristic Odour
<b>pH:</b>	Not determined
<b>Initial boiling point / range:</b>	Not determined

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

**Flash point:** 85 °C  
**Vapour pressure:** Not determined  
**Relative density:** Not determined  
**Solubility(ies):** Not determined  
**9.2 Other information:** None available

### Section 10. Stability and reactivity

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

<b>Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity:</b>	>5000
<b>Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity:</b>	Not Applicable
<b>Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity:</b>	Not Available
<b>Inhalation Route:</b>	Not Available

**Information about hazardous ingredients in the mixture**

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

Not Applicable

Refer to Sections 2 and 3 for additional information.

### Section 12. Ecological information

#### 12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

#### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### Section 14. Transport information

**14.1 UN number:** Not classified

**14.2 UN Proper Shipping Name:** -

**14.3 Transport hazard class(es):** Not classified

**Sub Risk:** Not classified

**14.4. Packing Group:** Not classified

**14.5 Environmental hazards:** Not environmentally hazardous for transport

**14.6 Special precautions for user:** None additional

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not classified

### Section 15. Regulatory information

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

None additional

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.



## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

### Section 16. Other information

**Concentration % Limits:** EH A3=11.26% EH C3=56.56% SCI 2=11.35% SCI 3=1.08% EDI 2A=10.87% SS 1=67.57% STO-SE 3(RI)=23.53%

**Total Fractional Values:** EH A3=8.88 EH C3=1.77 SCI 2=8.81 SCI 3=92.21 EDI 2A=9.20 SS 1=1.48 STO-SE 3(RI)=4.25

**Key to revisions:**

Not applicable

**Key to abbreviations:**

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 5	Acute Toxicity - Oral Category 5
Acute Tox. 5	Acute Toxicity - Dermal Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Eye Irrit. 2B	Eye Damage / Irritation Category 2B
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H226	Flammable liquid and vapour.
H227	Combustible liquid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.

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**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1B	Sensitization - Skin Category 1B

## SAFETY DATA SHEET

In accordance with UN GHS latest edition

**Product:** EUCALYPTUS & MINT LEAF 15SNGCA09

**Version:** 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.