

Safety Data Sheet

according to WHS Regulations

Printing date 24.01.2018

Version number 2

Revision: 24.01.2018

1 Identification

- **Product identifier**
- **Trade name:** English Garden LSF 0131
- **Article number:** LSF 0131
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Luxaroma Pty Ltd
62 Blackshaw Ave
MORTDALE, NSW 2223
AUSTRALIA
sales@luxaroma.com.au
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** During normal opening times: Poisons Information - 131 126

2 Hazard(s) Identification

- **Classification of the substance or mixture**



health hazard

Repr. 1A H360 May damage fertility or the unborn child.

STOT SE 2 H371 May cause damage to organs.



Acute Tox. 4 H302 Harmful if swallowed.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Flam. Liq. 4 H227 Combustible liquid.

- **Label elements**

- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labelling:**

beta-P.E.A.

 α -hexylcinnamaldehyde

2-(4-tert-Butylbenzyl)propionaldehyde

Amyl cinnamal

benzyl salicylate

Hydroxy-citronellal

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3-p-cumenyl-2-methylpropionaldehyde
 (R)-p-mentha-1,8-diene
 Eugenol
 2,4-dimethylcyclohex-3-ene-1-carbaldehyde
 geranyl acetate
 Hyacinthin

- **Hazard statements**

Combustible liquid.
 Harmful if swallowed.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 May damage fertility or the unborn child.
 May cause damage to organs.

- **Precautionary statements**

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Read label before use.
 Keep away from flames and hot surfaces. No smoking.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 Specific treatment (see on this label).
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Other hazards**

- **Results of PBT and vPvB assessment**











- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

60-12-8	beta-P.E.A.  Acute Tox. 3, H311;  Repr. 2, H361; STOT SE 2, H371;  Acute Tox. 4, H302; Eye Irrit. 2A, H319	≥10–<25%
101-86-0	α-hexylcinnamaldehyde  Skin Sens. 1, H317	≥10–<13%
8000-41-7	Terpineol  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥10–<12%
122-40-7	Amyl cinnamal  Skin Irrit. 2, H315; Skin Sens. 1, H317	≥10–<11%
80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde  Acute Tox. 3, H301;  Repr. 1A, H360;  Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	≥2.5–<8%
78-70-6	Linalool  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≥0.1–<7%

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118-58-1	benzyl salicylate ⚠ Skin Sens. 1, H317	≥2.5–<6.5%
1335-66-6	Isocyclocitral Flam. Liq. 4, H227	≥0.1–<2.75%
93-92-5	Gardenol Flam. Liq. 4, H227	≥0.1–<1.6%
107-75-5	Hydroxy-citronellal ⚠ Eye Irrit. 2A, H319; Skin Sens. 1, H317	≥1–≤1.3%
103-95-7	3-p-cumenyl-2-methylpropionaldehyde ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	≥0.1–<1%
5989-27-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.25–<0.7%
97-53-0	Eugenol ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319; Skin Sens. 1, H317	≥0.1–<0.6%
68039-49-6	2,4-dimethylcyclohex-3-ene-1-carbaldehyde ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	≥0.25–<0.4%
105-87-3	geranyl acetate ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1–<0.3%
122-78-1	Hyacinthin ⚠ Acute Tox. 3, H301; ⚠ Skin Sens. 1, H317; Flam. Liq. 4, H227	≥0.1–<0.2%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· **Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in 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. If symptoms persist, consult a doctor.

· **After swallowing:** Call for a doctor immediately.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire Fighting Measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

- **Handling:**
- **Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
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 eyes and skin.
- **Respiratory protection:** Not required.

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· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the 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 can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Liquid
Colour:	Light yellow
Odour:	Characteristic
Odour threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

· **Flash point:** 77 °C

· **Flammability (solid, gas):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto-ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Not determined.

· **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

· **Vapour pressure:** Not determined.

· **Density:** Not determined.

· **Relative density** Not determined.

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· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.9 %
VOC (EC)	0.93 %
· Other information	No further relevant information available.

10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	1,027 mg/kg
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Dermal	LD50	3,532 mg/kg (rabbit)
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60-12-8 beta-P.E.A.

Oral	LD50	1,790 mg/kg (rat)
------	------	-------------------

Dermal	LD50	790 mg/kg (rabbit)
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78-70-6 Linalool

Oral	LD50	2,790 mg/kg (rat)
------	------	-------------------

Dermal	LD50	5,610 mg/kg (rabbit)
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5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	4,400 mg/kg (rat)
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97-53-0 Eugenol

Oral	LD50	1,930 mg/kg (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Irritant to skin and mucous membranes.
- **Serious eye damage/irritation** Irritating effect.
- **Respiratory or skin sensitisation** Sensitisation possible through skin contact.

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- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

- Harmful

- Irritant

THIS PRODUCT HAS NOT BEEN TESTED ON ANIMALS

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

- Repr. 1A

12 Ecological Information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **ADG, IMDG, IATA**

UN3082

- **UN proper shipping name**

- **ADG**

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (α -hexylcinnamaldehyde, Amyl cinnamal)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (α -hexylcinnamaldehyde, Amyl cinnamal),
MARINE POLLUTANT

- **IMDG**

- **IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (α -hexylcinnamaldehyde, Amyl cinnamal)

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-AU

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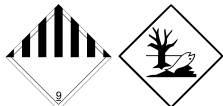
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· **Transport hazard class(es)**· **ADG, IMDG, IATA**· **Class**

9 Miscellaneous dangerous substances and articles.

· **Label**

9

· **Packing group**· **ADG, IMDG, IATA**

III

· **Environmental hazards:**Product contains environmentally hazardous substances: α -hexylcinnamaldehyde· **Marine pollutant:**

Symbol (fish and tree)

· **Special marking (ADG):**

Symbol (fish and tree)

· **Special marking (IATA):**

Symbol (fish and tree)

· **Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

· **Danger code (Kemler):**

90

· **EMS Number:**

F-A,S-F

· **Stowage Category**

A

· **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**· **ADG**· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category**

3

· **IMDG**· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **UN "Model Regulation":**UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (α -HEXYLCINNAMALDEHYDE, AMYL CINNAMAL), 9, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Australian Inventory of Chemical Substances (Substances not listed)**101-86-0 α -hexylcinnamaldehyde· **Standard for the Uniform Scheduling of Medicines and Poisons**

97-53-0 Eugenol

S5, S6

91-64-5 Coumarin

S4

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· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

beta-P.E.A.

α-hexylcinnamaldehyde

2-(4-tert-Butylbenzyl)propionaldehyde

Amyl cinnamal

benzyl salicylate

Hydroxy-citronellal

3-p-cumenyl-2-methylpropionaldehyde

(R)-p-mentha-1,8-diene

Eugenol

2,4-dimethylcyclohex-3-ene-1-carbaldehyde

geranyl acetate

Hyacinthin

· **Hazard statements**

Combustible liquid.

Harmful if swallowed.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

May cause damage to organs.

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from flames and hot surfaces. No smoking.

Do not breathe dust/fume/gas/mist/vapours/spray.

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

Continue rinsing.

Specific treatment (see on this label).

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category E2** Hazardous to the Aquatic Environment

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· **Relevant phrases**

H226 Flammable liquid and vapour.
 H227 Combustible liquid.
 H301 Toxic if swallowed.
 H302 Harmful if swallowed.
 H311 Toxic in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H360 May damage fertility or the unborn child.
 H361 Suspected of damaging fertility or the unborn child.
 H371 May cause damage to organs.

· **Department issuing SDS:** Product safety department

· **Contact:** Mr. Demello

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 3: Flammable liquids – Category 3
 Flam. Liq. 4: Flammable liquids – Category 4
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 3: Acute toxicity – Category 3
 Skin Irrit. 2: Skin corrosion/irritation – Category 2
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
 Skin Sens. 1: Skin sensitisation – Category 1
 Repr. 1A: Reproductive toxicity – Category 1A
 Repr. 2: Reproductive toxicity – Category 2
 STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

· *** Data compared to the previous version altered.**

AU