

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 04.04.2023

Version number 1

Revision: 04.04.2023

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

1.1 Product identifier

Trade name: **LITTLE TREES Tropical Tree**

UFI: 1TMP-YTUR-VW0Y-S69E

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

Application of the substance / the mixture: Air freshener

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

WUNDER-BAUM AG
Emdwiesenstrasse 29
CH-8240 Thayngen
Switzerland
Tel. +41 52 645 0707

Further information obtainable from:

LITTLE TREES Europe Ltd.
Buckingham House
West Street, Newbury
RG14 1BD, UK
Tel. +1 3157 889 438
Email: chemicalsafety@littletrees.com

1.4 Emergency telephone number

Guy's & St Thomas' poisons unit (GTPU)
Mary Sheridan House
15 St Thomas Street
London SE1 9RY
United Kingdom
Tel (24 hour): +44 (0)20 7188 0300 (for health care professionals)
NHS Direct (24 h, health advice for the public) 0845 4647

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS07

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Signal word Warning**Hazard-determining components of labelling**

Alpha-n-hexylcinnamaldehyde

4-tert-butylcyclohexyl acetate

Ethyl methylphenylglycidate

Delta-Damascone

Linalool

Linalyl acetate

benzyl salicylate

Coumarin

Hazard statements

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

P501 Dispose of used product(s) with household waste; Dispose of unused product(s) at hazardous or special waste collecting point.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** No further relevant information available.**vPvB:** No further relevant information available.**Determination of endocrine-disrupting properties**

Taking into account the current state of scientific knowledge, no data on endocrine disrupting properties of the product are available.

118-58-1	benzyl salicylate	List II
128-37-0	Butylated hydroxytoluene	List II

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 101-86-0 EINECS: 202-983-3 Reg.nr.: 01-2119533092-50-XXXX	Alpha-n-hexylcinnamaldehyde ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	5–10%
CAS: 88-41-5 EINECS: 201-828-7 Reg.nr.: 01-2119970713-33-XXXX	2-tert-butylcyclohexyl acetate ⚠ Aquatic Chronic 2, H411	2,5–5%
CAS: 32210-23-4 EINECS: 250-954-9 RTECS: AF 7117000 Reg.nr.: 01-2119976286-24-XXXX	4-tert-butylcyclohexyl acetate ⚠ Skin Sens. 1B, H317	2,5–5%
CAS: 68912-13-0 EINECS: 272-805-7 Reg.nr.: 01-2119969447-21-XXXX	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate ⚠ Aquatic Chronic 2, H411	≥1–<2,5%

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CAS: 10094-34-5 EINECS: 233-221-8 Reg.nr.: 01-2120742578-44-0004	α,α -dimethylphenethyl butyrate ⚠ Aquatic Chronic 2, H411	≥1–<2,5%
CAS: 77-83-8 EINECS: 201-061-8 Reg.nr.: 01-2119967770-28-XXXX	Ethyl methylphenylglycidate ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	≥1–<2,5%
CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2 RTECS: RG 5775000 Reg.nr.: 01-2119474016-42-0008	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0,1–<1%
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19-XXXX	Linalyl acetate ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0,1–<1%
CAS: 118-58-1 EINECS: 204-262-9 Index number: 607-754-00-5 Reg.nr.: 01-2119969442-31-XXXX	benzyl salicylate ⚠ Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0,1–<1%
CAS: 123-92-2 EINECS: 204-662-3 Index number: 607-130-00-2 RTECS: NS 9800000 Reg.nr.: 01-2119548408-32-XXXX	isopentyl acetate ⚠ Flam. Liq. 3, H226, EUH066 Note: C	0,1–1%
CAS: 128-37-0 EINECS: 204-881-4 RTECS: GO 7875000 Reg.nr.: 01-2119480433-40-XXXX	Butylated hydroxytoluene ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0,1–<0,25%
CAS: 91-64-5 EINECS: 202-086-7 RTECS: GN 4200000 Reg.nr.: 01-2119943756-26-XXXX	Coumarin ⚠ Acute Tox. 3, H301; ⚠ Skin Sens. 1B, H317	≥0,1–<1%
CAS: 57378-68-4 EINECS: 260-709-8 Reg.nr.: 01-2119535122-53-XXXX	Delta-Damascone ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≥0,025–<0,1%

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

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with plenty of water and soap.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If symptoms persist consult doctor.

After swallowing: If symptoms persist consult doctor.

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4.2 Most important symptoms and effects, both acute and delayed May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

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

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

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.

6.2 Environmental precautions Do not allow to reach ground water, water bodies or sewage system.

6.3 Methods and material for containment and cleaning up Pick up mechanically.

6.4 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Avoid contact with the eyes and skin.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

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: None.

7.3 Specific end use(s) Air freshener

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

123-92-2 isopentyl acetate

WEL (Great Britain)	Short-term value: 541 mg/m ³ , 100 ppm
	Long-term value: 270 mg/m ³ , 50 ppm

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IOELV (Germany)	Short-term value: 540 mg/m ³ , 100 ppm Long-term value: 270 mg/m ³ , 50 ppm
128-37-0 Butylated hydroxytoluene	
WEL (Great Britain)	Long-term value: 10 mg/m ³

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see item 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Hand protection:

Gloves are not required when product is used as intended.

In case of prolonged contact with skin, wear protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation (EN374).

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

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/face protection: Not required.

Environmental exposure controls: Do not allow to reach ground water, water bodies or sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state:	Solid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Not applicable.
Boiling point or initial boiling point and boiling range:	Not applicable.
Flammability:	Not determined.
Lower and upper explosion limit	
Lower:	Not applicable.
Upper:	Not applicable.
Flash point:	Not applicable.
Ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH-value:	Mixture is non-soluble (in water).
Viscosity	
Kinematic:	Not applicable.

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Dynamic:	Not applicable.
Solubility	
water:	Insoluble.
Partition coefficient n-octanol/water (log value):	Not applicable.
Vapour pressure:	Not applicable.
Density and/or relative density	
Density:	Not determined.
Relative density:	Not applicable.
Vapour density:	Not applicable.
Particle characteristics:	Not applicable.

9.2 Other information**Appearance:****Form:** Solid**Important information on protection of health and environment, and on safety****Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product does not present an explosion hazard.**Change in condition****Softening point/range:** Not determined.**Oxidising properties:** Not determined.**Evaporation rate:** Not applicable.**9.2.1 Information with regard to physical hazard****classes****Explosives** Void**Flammable gases** Void**Aerosols** Void**Oxidising gases** Void**Gases under pressure** Void**Flammable liquids** Void**Flammable solids** Void**Self-reactive substances and mixtures** Void**Pyrophoric liquids** Void**Pyrophoric solids** Void**Self-heating substances and mixtures** Void**Substances and mixtures, which emit flammable****gases in contact with water** Void**Oxidising liquids** Void**Oxidising solids** Void**Organic peroxides** Void**Corrosive to metals** Void**Desensitised explosives** Void**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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10.3 Possibility of hazardous reactions No dangerous reactions known.**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 known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Acute toxicity** Based on available data, the classification criteria are not met.**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**Other information (about experimental toxicology):****32210-23-4 4-tert-butylcyclohexyl acetate**

Oral | LD50 | 5.000 mg/kg (rat)

78-70-6 Linalool

Oral | LD50 | 2.790 mg/kg (rat)

Dermal | LD50 | 5.610 mg/kg (rabbit)

123-92-2 isopentyl acetate

Oral | LD50 | 16.000 mg/kg (rat)

91-64-5 Coumarin

Oral | LD50 | 293 mg/kg (rat)

11.2 Information on other hazards**Endocrine disrupting properties**

Taking into account the current state of scientific knowledge, no data on endocrine disrupting properties of the product are available.

118-58-1 | benzyl salicylate

List II

128-37-0 | Butylated hydroxytoluene

List II

SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:** Harmful to aquatic life with long lasting effects.**12.2 Persistence and degradability** No further relevant information available.

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12.3 Bioaccumulative potential No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** No further relevant information available.**vPvB:** No further relevant information available.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Dispose of used product(s) with household waste; Dispose of unused product(s) at hazardous or special waste collecting point.

European waste catalogue

The waste code 20 03 01 applies to used products. The waste code 16 03 05* or 16 03 06 applies to unused products.

20 03 01	mixed municipal waste
16 03 05*	organic wastes containing hazardous substances

Uncleaned packaging:**Recommendation:** Smaller quantities can be disposed of with household waste.**SECTION 14: Transport information**

14.1 UN number or ID number ADR, IMDG, IATA	Void
14.2 UN proper shipping name ADR, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.

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UN "Model Regulation": Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU

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

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)

None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

None of the ingredients is listed.

REGULATION (EC) No 1907/2006 (ANNEX XVII) No restrictions

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (PIC)

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

120-57-0 piperonal

1

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

120-57-0 piperonal

1

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.**15.2 Chemical safety assessment** A Chemical Safety Assessment of the mixture has not been carried out.

SECTION 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.

Indication of changes:

SECTION 2, SECTION 3: Update of the classification and labeling information of the product due to:

- Changes in the product composition
- Update of ingredient classifications according to the latest version of IFRA Labeling Manual / Annex VI of the GB CLP regulation
- Minor changes (wording, format)

SECTION 4: Update of content based on new product classification

SECTION 8: Update of content based on newly available information

SECTION 11, SECTION 12:

- Update of content based on new product classification

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- Minor changes (wording, format)

SECTION 14: Update of content based on new product classification

SECTION 15:

- Update of content based on newly available information

- Minor changes (wording, format)

SECTION 16: Update of content based on newly available information

Relevant phrases:

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

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.

EUH066 Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms:

ADR: Accord relatif au transport international 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

GB