

# Safety data sheet

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

Printing date: 05.06.2023

Version number 1

Revision: 05.06.2023

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

#### 1.1 Product identifier

Trade name: **LITTLE TREES Tropical Clip**

UFI: 2PT2-UNVK-SU1S-RT3E

#### 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 &amp; 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



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



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

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

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**Hazard pictograms**

GHS07 GHS09

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

Alpha-n-hexylcinnamaldehyde  
 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone  
 Ethyl methylphenylglycidate  
 Delta-Damascone  
 Linalool  
 Coumarin  
 alpha-methyl-1,3-benzodioxole-5-propionaldehyde

**Hazard statements**

H317 May cause an allergic skin reaction.  
 H411 Toxic 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.

## SECTION 3: Composition/information on ingredients

**3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

CAS: 120-51-4 EINECS: 204-402-9 Index number: 607-085-00-9 RTECS: DG 4200000	Benzyl benzoate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	5–10%
CAS: 101-86-0 EINECS: 202-983-3	Alpha-n-hexylcinnamaldehyde ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	2,5–5%
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate ⚠ Aquatic Chronic 2, H411	2,5–5%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥1–<2,5%

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CAS: 17511-60-3 EINECS: 241-514-7	Tricyclodecanyl propionate ⚠ Aquatic Chronic 2, H411	≥1–<2,5%
CAS: 77-83-8 EINECS: 201-061-8	Ethyl methylphenylglycidate ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	≥1–<2,5%
CAS: 10094-34-5 EINECS: 233-221-8	α,α-dimethylphenethyl butyrate ⚠ Aquatic Chronic 2, H411	≥1–<2,5%
CAS: 78-70-6 EINECS: 201-134-4 Index number: 603-235-00-2 RTECS: RG 5775000	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0,1–<1%
CAS: 123-92-2 EINECS: 204-662-3 Index number: 607-130-00-2 RTECS: NS 9800000	isopentyl acetate ⚠ Flam. Liq. 3, H226, EUH066 Note: C	0,1–1%
CAS: 91-64-5 EINECS: 202-086-7 RTECS: GN 4200000	Coumarin ⚠ Acute Tox. 3, H301; ⚠ Skin Sens. 1B, H317	≥0,1–<1%
CAS: 1205-17-0 EINECS: 214-881-6	alpha-methyl-1,3-benzodioxole-5-propionaldehyde ⚠ Repr. 2, H361; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Sens. 1B, H317	≥0,1–<0,25%
CAS: 57378-68-4 EINECS: 260-709-8	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.

#### 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:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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**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 <sup>3</sup> , 100 ppm
	Long-term value: 270 mg/m <sup>3</sup> , 50 ppm

IOELV (Germany)	Short-term value: 540 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 270 mg/m <sup>3</sup> , 50 ppm

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

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see section 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.

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**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

<b>Physical state:</b>	Solid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	Not applicable.
<b>Boiling point or initial boiling point and boiling range:</b>	Not applicable.
<b>Flammability:</b>	Not determined.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not applicable.
<b>Upper:</b>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Decomposition temperature:</b>	Not determined.
<b>pH-value:</b>	Mixture is non-soluble (in water).
<b>Viscosity</b>	
<b>Kinematic:</b>	Not applicable.
<b>Dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>water:</b>	Insoluble.
<b>Partition coefficient n-octanol/water (log value):</b>	Not applicable.
<b>Vapour pressure:</b>	Not applicable.
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined.
<b>Relative density:</b>	Not applicable.
<b>Vapour density:</b>	Not applicable.
<b>Particle characteristics:</b>	Not applicable.

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**9.2 Other information****Appearance:****Form:** Solid**Important information on protection of health and environment, and on safety****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.**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.

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### 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):

##### 120-51-4 Benzyl benzoate

Oral	LD50	1.700 mg/kg (rat)
Dermal	LD50	4.000 mg/kg (rabbit)

##### 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)
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##### 91-64-5 Coumarin

Oral	LD50	293 mg/kg (rat)
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#### 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.

None of the ingredients is listed.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Aquatic toxicity:** Toxic to aquatic life with long lasting effects.

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

**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.

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**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**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/ADN, IMDG, IATA

UN3077

**14.2 UN proper shipping name**

ADR/ADN

3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl benzoate, Alpha-n-hexylcinnamicaldehyde)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl benzoate, Alpha-n-hexylcinnamicaldehyde), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Benzyl benzoate, Alpha-n-hexylcinnamicaldehyde)

**14.3 Transport hazard class(es)**

ADR/ADN, IMDG, IATA

**Class  
Label**9 Miscellaneous dangerous substances and articles.  
9**14.4 Packing group**

ADR/ADN, IMDG, IATA

III

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**14.5 Environmental hazards**

<b>Marine pollutant:</b>	Symbol (fish and tree)
<b>Special marking (ADR/ADN):</b>	Symbol (fish and tree)
<b>Special marking (IATA):</b>	Symbol (fish and tree)

**14.6 Special precautions for user**

	Warning: Miscellaneous dangerous substances and articles.
<b>Hazard identification number (Kemler code):</b>	90
<b>EMS Number:</b>	F-A,S-F
<b>Stowage Category</b>	A
<b>Stowage Code</b>	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:**

This product is not subject to the requirements of ADR nor IMDG due to special provision N°335 applicable to small quantities of UN 3077.

Due to the special provision IATA No. A197 applicable to substances with UN numbers 3077 and 3082, this product can be shipped as "Not Restricted - N.R.", as the product is shipped in packaging having a maximum net capacity of 5 L/kg. The general packaging provisions of IATA must be observed.

**ADR/ADN****Limited quantities (LQ)**

5 kg

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

**Transport category**

3

**Tunnel restriction code**

(-)

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

5 kg

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

**UN "Model Regulation":**

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BENZYL BENZOATE, ALPHA-N-HEXYLCINNAMICALDEHYDE), 9, III

**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.**Seveso category** E2 Hazardous to the Aquatic Environment**Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

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

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H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 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.  
 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  
 Repr. 2: Reproductive toxicity – Category 2  
 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

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