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

#### **1.1 Product identifier**

Trade name: LITTLE TREES Tropical Tree

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: Saxon **Everland Road** Hungerford Berkshire **RG17 0DX** United Kingdom Tel. +44 1488 689400 Fax. +44 1488 684317

#### Further information obtainable from:

LITTLE TREES Europe Ltd. **Buckingham House** West Street, Newbury RG14 1BD, UK Tel. +44 1488 689 460 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 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



GHS09 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 CLP regulation. Hazard pictograms



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Signal word Warning Hazard-determining components of labelling: Alpha-n-hexylcinnamicaldehyde 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone Ethyl methylphenylglycidate Linalool 2-(4-tert-Butylbenzyl)propionaldehyde alpha-methyl-1,3-benzodioxole-5-propionaldehyde Coumarin allyl 3-cyclohexylpropionate Delta-Damascone 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 soap and water. Dispose of used product(s) with household waste; Dispose of unused product(s) at hazardous or P501 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.

## **SECTION 3: Composition/information on ingredients**

#### 3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

CAS: 101-86-0	Alpha-n-hexylcinnamicaldehyde	5-<10%
EINECS: 202-983-3 Reg.nr.: 01-2119533092-50-xxxx	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; () Skin Sens. 1B, H317	
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate	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	2,5-5% ,
CAS: 68912-13-0 EINECS: 272-805-7	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-indenyl propionate Aquatic Chronic 2, H411	1-<2,5%
CAS: 10094-34-5 EINECS: 233-221-8	<ul> <li>α,α-dimethylphenethyl butyrate</li> <li>Aquatic Chronic 2, H411</li> </ul>	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: 78-70-6 EINECS: 201-134-4 Reg.nr.: 01-2119474016-42	Linalool 🕥 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,1-<1%
CAS: 80-54-6 EINECS: 201-289-8	2-(4-tert-Butylbenzyl)propionaldehyde Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	0,25-<1%

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CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	0,1-<0,25%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	-
CAS: 1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde	0,1-<0,25%
EINECS: 214-881-6	Aquatic Chronic 2, H411; 🕐 Skin Sens. 1B, H317	_
CAS: 123-92-2	isopentyl acetate	0,1-1%
EINECS: 204-662-3	🚸 Flam. Liq. 3, H226	-
CAS: 91-64-5	Coumarin	0,1-<1%
EINECS: 202-086-7	Acute Tox. 4, H302; Skin Sens. 1B, H317	_
CAS: 120-51-4	Benzyl benzoate	0,1-<0,25%
EINECS: 204-402-9	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; () Acute Tox. 4, H302	_
CAS: 2705-87-5	allyl 3-cyclohexylpropionate	0,1-<0,25%
EINECS: 220-292-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; () Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317	-
CAS: 57378-68-4	Delta-Damascone	0,1-<0,25%
EINECS: 260-709-8	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; () Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	-

### **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 soap and water.

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:

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.

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## **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**

Additional information about design of technical facilities: No further data; see item 7.

#### 8.1 Control parameters

•	
Ingredients with lir	nit values that require monitoring at the workplace:
128-37-0 2,6-di-tert	-butyl-p-cresol
WEL (Great Britain)	Long-term value: 10 mg/m <sup>3</sup>
123-92-2 isopentyl	acetate
WEL (Great Britain)	Short-term value: 541 mg/m³, 100 ppm Long-term value: 270 mg/m³, 50 ppm
IOELV (EU)	Short-term value: 540 mg/m³, 100 ppm Long-term value: 270 mg/m³, 50 ppm
Additional informa	tion: The lists valid during the making were used as basis.
Keep away from foo	e equipment: and hygienic measures: idstuffs, beverages and feed. breaks and at the end of work.
Respiratory protec	tion: Not required.
Protection of hand	ls:

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

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#### 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: Not required.

#### Limitation and supervision of exposure into the environment

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

## **SECTION 9: Physical and chemical properties**

9.1 Information on basic physical a	nd chemical properties
General Information Appearance:	
Form:	Solid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not applicable.
Change in condition Melting point/freezing point:	Netennlieghle
Initial boiling point and boiling range.	Not applicable.
Flash point:	Not applicable.
Flammability (solid, gas):	Not determined.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not applicable.
Upper:	Not applicable.
Oxidising properties	Not determined.
Vapour pressure:	Not applicable.
Density:	Not determined.
Relative density	Not applicable.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
water:	Insoluble.
Partition coefficient: n-octanol/water:	Not applicable.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.
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## **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.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

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.

## **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.

12.6 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.

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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.

14.1 UN-Number ADR, IMDG, IATA	UN3077
14.2 UN proper shipping name ADR IMDG IATA	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Alpha-n- hexylcinnamicaldehyde, 2-tert-butylcyclohexyl acetate) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Alpha-n-hexylcinnamicaldehyde, 2-tert butylcyclohexyl acetate), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Alpha-n-hexylcinnamicaldehyde, 2-tert butylcyclohexyl acetate)
14.3 Transport hazard class(es)	
Class	9 Miscellaneous dangerous substances and articles.
Label	9
14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards: Marine pollutant: Special marking (ADR): Special marking (IATA):	Product contains environmentally hazardous substances: Alpha-n-hexylcinnamicaldehyde Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user Danger code (Kemler): EMS Number: Stowage Category Stowage Code	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
14.7 Transport in bulk according to Ann Marpol and the IBC Code	ex II of 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

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	the product is shipped in packaging having a maximum net capacity of 5 L/kg. The general packaging provision: of IATA must be observed.
ADR	
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	E
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. (ALPHA-N-
	HEXYLCINNAMICALDEHYDE, 2-TERT-
	BUTYLCYCLOHEXYL ACETATE), 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 Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment 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 CLP regulation

SECTION 11:

- Minor changes (wording, format)

- Update of content based on new product classification

SECTION 13: Update of content based on newly available information

SECTION 15: Update of content based on newly available information

SECTION 16: Update of content based on newly available information

### Relevant phrases

H226 Flammable liquid and vapour.

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(Contd. of page 8) H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. 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. 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 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. 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 GB

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

#### **1.1 Product identifier**

## Trade name: LITTLE TREES Spice Market Tree

**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: Saxon Everland Road Hungerford Berkshire RG17 0DX United Kingdom Tel. +44 1488 689400 Fax. +44 1488 684317

#### Further information obtainable from:

LITTLE TREES Europe Ltd. Buckingham House West Street, Newbury RG14 1BD, UK Tel. +44 1488 689 460 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 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.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. *Hazard pictograms* 



Signal word Warning

Hazard-determining components of labelling:

Eugenol Cinnamal piperonal

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(Contd. of page 1) Coumarin Geraniol caryophyllene (R)-p-mentha-1,8-diene Hazard statements H317 May cause an allergic skin reaction. Precautionary statements If medical advice is needed, have product container or label at hand. P101 P102 Keep out of reach of children. P302+P352 IF ON SKIN: Wash with plenty of soap and water. Product(s) can be disposed of with household waste. P501 2.3 Other hazards Results of PBT and vPvB assessment PBT: No further relevant information available. vPvB: No further relevant information available.

### **SECTION 3: Composition/information on ingredients**

#### 3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous compor	nents:	
CAS: 60-12-8 EINECS: 200-456-2	2-phenylethanol Acute Tox. 4, H302; Eye Irrit. 2, H319	1-2,5%
CAS: 97-53-0 EINECS: 202-589-1	Eugenol () Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-2,5%
CAS: 104-55-2 EINECS: 203-213-9	Cinnamal Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317	1-2,5%
CAS: 120-57-0 EINECS: 204-409-7	CAS: 120-57-0 piperonal EINECS: 204-409-7 🐼 Skin Sens. 1B, H317	
CAS: 91-64-5 EINECS: 202-086-7	01-64-5 Coumarin S: 202-086-7 🚸 Acute Tox. 4, H302; Skin Sens. 1B, H317	
CAS: 106-24-1		
CAS: 16409-43-1 EINECS: 240-457-5		
CAS: 87-44-5 caryophyllene EINECS: 201-746-1 🚯 Asp. Tox. 1, H304; 🚯 Skin Sens. 1B, H317		0,1-1%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0,1-≤0,25%
Additional informat	ion: 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 soap and water.

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

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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:

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**

Additional information about design of technical facilities: No further data; see item 7.

#### 8.1 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.

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

#### 8.2 Exposure controls

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.

#### Protection of hands:

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 protection: Not required.

Limitation and supervision of exposure into the environment No special measures required.

9.1 Information on basic physical and chemical properties		
General Information		
Appearance:		
Form:	Solid	
Colour:	According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	
Change in condition		
Melting point/freezing point:	Not applicable.	
Initial boiling point and boiling range:	Not applicable.	
Flash point:	Not applicable.	
Flammability (solid, gas):	Not determined.	
Ignition temperature:	Not determined.	
Decomposition temperature:	Not determined.	
Auto-ignition temperature:	Product is not selfigniting.	
Explosive properties:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not applicable.	
Upper:	Not applicable.	
Oxidising properties	Not determined.	
Vapour pressure:	Not applicable.	
Density:	Not determined.	

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Relative density	Not applicable.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Solubility in / Miscibility with	
water:	Insoluble.
Partition coefficient: n-octanol/water:	Not applicable.
Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
9.2 Other information	No further relevant information available.

## 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.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

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.

## **SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity: Based on available data, the classification criteria are not met.

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.

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#### 12.5 Results of PBT and vPvB assessment

**PBT:** No further relevant information available. **vPvB:** No further relevant information available.

12.6 Other adverse effects No further relevant information available.

**SECTION 13: Disposal considerations** 

#### 13.1 Waste treatment methods

**Recommendation** Product(s) can be disposed of with household waste.

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 06 organic wastes other than those mentioned in 16 03 05

#### Uncleaned packaging:

*Recommendation:* Smaller quantities can be disposed of with household waste.

SECTION 14: Transport information	
14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA <i>Class</i>	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 Transport in bulk according to Ann	ex II of
Marpol and the IBC Code	Not applicable.
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.

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

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**15.2 Chemical safety assessment:** A Chemical Safety Assessment 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.

#### **Relevant phrases**

H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. 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. 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 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. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 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 Asp. Tox. 1: Aspiration hazard - Category 1 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 GB

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

#### **1.1 Product identifier**

# Trade name: LITTLE TREES Eucalyptus Tree

**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: Saxon Everland Road Hungerford Berkshire RG17 0DX United Kingdom Tel. +44 1488 689400 Fax. +44 1488 684317

#### Further information obtainable from:

LITTLE TREES Europe Ltd. Buckingham House West Street, Newbury RG14 1BD, UK Tel. +44 1488 689 460 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 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 CLP regulation. *Hazard pictograms* 



Signal word Warning

*Hazard-determining components of labelling:* Coumarin

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	(Contd. of page 1)
Linalool	
Citronellol	
I-Carvon	
2-(4-tert-Butylbenzyl)propionaldehyde	
allyl 3-cyclohexylpropionate	
Geraniol	
eucalyptol	
Acetyl cedrene	
Benzyl salicylate	
Alpha-n-hexylcinnamicaldehyde	
(S)-p-mentha-1,8-diene	
alpha-iso-Methylionone	
Cyclamen aldehyde	
(R)-p-mentha-1,8-diene	
undecylenal	
L-menthan-3-one	
2,4-Dimethyl-3-Cyclohexene-1-Carboxaldehyde	
Hydroxy-citronellal	
Delta-Damascone	
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 soap and water.	
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.

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 140-11-4 EINECS: 205-399-7	Benzyl acetate Aguatic Chronic 3, H412	1-2,5%
CAS: 18479-58-8 EINECS: 242-362-4 Reg.nr.: 01-2119457274-37	2,6-dimethyloct-7-en-2-ol Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-2,5%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin Acute Tox. 4, H302; Skin Sens. 1B, H317	1-2,5%
CAS: 78-70-6 EINECS: 201-134-4 Reg.nr.: 01-2119474016-42	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-2,5%
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19	linalyl acetate      Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-2,5%
		Contd. on page

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CAC: 406 00 0		Contd. of page
		1-2,5%
	🚯 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
	I-Carvon	1-2,5%
	🗘 Skin Sens. 1, H317	
	2-(4-tert-Butylbenzyl)propionaldehyde	≥0,25-≤1%
EINECS: 201-289-8	Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	4,
CAS: 2705-87-5	allyl 3-cyclohexylpropionate	≥0,25-≤1%
EINECS: 220-292-5	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; () Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Sens. 1, H317	
CAS: 106-24-1	Geraniol	0,1-1%
EINECS: 203-377-1	Eye Dam. 1, H318; () Skin Irrit. 2, H315; Skin Sens. 1, H317	0,1170
CAS: 470-82-6	eucalyptol	0,1-1%
	🚸 Flam. Liq. 3, H226; 🔶 Skin Sens. 1B, H317	
	Acetyl cedrene	≥0,25-≤1%
EINECS: 251-020-3	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; (1) Skin Sens. 1B, H317	
	Benzyl salicylate	0,1-1%
EINECS: 204-262-9	Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 101-86-0	Alpha-n-hexylcinnamicaldehyde	≥0,25-≤1%
	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; () Skin Sens. 1B, H317	
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	≥0,25-≤1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
	(S)-p-mentha-1,8-diene	≥0,1-≤0,25%
	Flam. Liq. 3, H226;  Asp. Tox. 1, H304;  Aquatic Acute 1, H400; Aquatic Chronic 1, H410;  Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 127-51-5	alpha-iso-Methylionone	≥0,1-≤0,25%
EINECS: 204-846-3	Aquatic Chronic 2, H411; (1) Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 103-95-7	Cyclamen aldehyde	0,1-1%
EINECS: 203-161-7	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
	(R)-p-mentha-1,8-diene	≥0,1-≤0,25%
	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 112-45-8	undecylenal	0,1-1%
	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
	L-menthan-3-one	0,1-1%
EINECS: 237-926-1	🚯 Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 68039-49-6 EINECS: 268-264-1	2,4-Dimethyl-3-Cyclohexene-1-Carboxaldehyde Aquatic Chronic 2, H411; () Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0,1-≤0,25%
	Hydroxy-citronellal	0,1-1%
	Hydroxy-curonellal Eye Irrit. 2, H319; Skin Sens. 1B, H317	U, 1-170

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# Trade name: LITTLE TREES Eucalyptus Tree

CAS: 28219-61-6 EINECS: 248-908-8	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol Aquatic Acute 1, H400; Aquatic Chronic 1, H410; () Eye Irrit. 2, H319	(Contd. of page 3) ≥0,1-≤0,25%
CAS: 469-61-4 FINECS: 207-418-4	alpha-Cedrene	≥0,025-≤0,1%
EINECS: 207-418-4	Asp. Tox. 1, H304;  Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	
Additional information: For the	wording of the listed bazard phrases refer to section 16	

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 soap and water. 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:

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.

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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**

Additional information about design of technical facilities: No further data; see item 7.

#### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

#### 128-37-0 2,6-di-tert-butyl-p-cresol

WEL (Great Britain) Long-term value: 10 mg/m<sup>3</sup>

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

### 8.2 Exposure controls

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.

#### Protection of hands:

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 protection: Not required.

**Limitation and supervision of exposure into the environment** Do not allow to reach ground water, water bodies or sewage system.

9.1 Information on basic p	hysical and chemical properties	
General Information		
Appearance:		
Form:	Solid	
Colour:	According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	

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		(Contd. of page §
Change in condition Melting point/freezing point: Initial boiling point and boiling range	Not applicable. : Not applicable.	
Flash point:	Not applicable.	
Flammability (solid, gas):	Not determined.	
Ignition temperature:	Not determined.	
Decomposition temperature:	Not determined.	
Auto-ignition temperature:	Product is not selfigniting.	
Explosive properties:	Product does not present an explosion hazard.	
Explosion limits: Lower: Upper: Oxidising properties	Not applicable. Not applicable. Not determined.	
Vapour pressure:	Not applicable.	
Density: Relative density Vapour density Evaporation rate	Not determined. Not applicable. Not applicable. Not applicable.	
Solubility in / Miscibility with water:	Insoluble.	
Partition coefficient: n-octanol/water:	Not applicable.	
Viscosity: Dynamic: Kinematic:	Not applicable. Not applicable.	
9.2 Other information	No further relevant information available.	

## **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.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

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.

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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. *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.

## **SECTION 12: Ecological information**

### 12.1 Toxicity

#### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

#### 469-61-4 alpha-Cedrene

EC50 0,05 mg/kg (daphnia)

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.

12.6 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 ADR, ADN, IMDG, IATA	Void	
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void	
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		(Contd. of page 7)
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 Transport in bulk according to Ann	ex II of	
Marpol and the IBC Code	Not applicable.	
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.

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment 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.

#### Relevant phrases

H226 Flammable liquid and vapour.

- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- 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.
- H412 Harmful to aquatic life with long lasting effects.

#### 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
- 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)

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(Contd. of page 8) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1B: Skin sensitisation – Category 1B Repr. 2: Reproductive toxicity – Category 1 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 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 GB –

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Revision: 30.06.2017

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

#### **1.1 Product identifier**

# Trade name: LITTLE TREES City Style Tree

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: Saxon **Everland Road** Hungerford Berkshire **RG17 0DX** United Kingdom Tel. +44 1488 689400 Fax. +44 1488 684317

#### Further information obtainable from:

LITTLE TREES Europe Ltd. **Buckingham House** West Street, Newbury RG14 1BD, UK Tel. +44 1488 689 460 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 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



GHS09 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 CLP regulation. Hazard pictograms



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# Trade name: LITTLE TREES City Style Tree

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Signal word Warning Hazard-determining components of labelling: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone Alpha-n-hexylcinnamicaldehyde Linalool Coumarin Methoxycyclododecane Formaldehyde cyclodecyl ethyl acetal 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde 2-(4-tert-Butylbenzyl)propionaldehyde Geraniol Citronellol Cinnamal 1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one Hazard statements H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. Precautionary statements If medical advice is needed, have product container or label at hand. P101 P102 Keep out of reach of children. P302+P352 IF ON SKIN: Wash with plenty of soap and water. 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.

## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

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	2,5-5%
	♦ Aquatic Chronic 1, H410; ♦ Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 18479-58-8	2,6-dimethyloct-7-en-2-ol	1-2,5%
EINECS: 242-362-4 Reg.nr.: 01-2119457274-37	Okin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 115-95-7	linalyl acetate	1-2,5%
EINECS: 204-116-4	🚸 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
Reg.nr.: 01-2119454789-19		
CAS: 101-86-0	Alpha-n-hexylcinnamicaldehyde	1-<2,5%
EINECS: 202-983-3 Reg.nr.: 01-2119533092-50-xxxx	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; () Skin Sens. 1B, H317	
CAS: 78-70-6	Linalool	1-2,5%
EINECS: 201-134-4 Reg.nr.: 01-2119474016-42	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 91-64-5	Coumarin	0,1-<1%
EINECS: 202-086-7	Acute Tox. 4, H302; Skin Sens. 1B, H317	

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CAS: 2986-54-1	Methoxycyclododecane	0,25-<1%
EINECS: 221-053-8	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; 🚸 Skin Irrit. 2 H315; Skin Sens. 1B, H317	3
CAS: 58567-11-6	Formaldehyde cyclodecyl ethyl acetal	0,25-<1%
EINECS: 261-332-1	Aquatic Chronic 2, H411; () Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 28219-61-6	2-ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	0,25-1%
EINECS: 248-908-8	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; () Eye Irrit. 2, H319	
CAS: 34902-57-3	Habanolide	0,25-1%
Reg.nr.: 01-0000016883-62	Aquatic Acute 1, H400; Aquatic Chronic 2, H411	
CAS: 120-51-4	Benzyl benzoate	0,25-1%
EINECS: 204-402-9	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; () Acute Tox. 4, H302	
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	0,25-1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 31906-04-4	4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde	0,1-<1%
EINECS: 250-863-4	Skin Sens. 1A, H317	
CAS: 80-54-6	2-(4-tert-Butylbenzyl)propionaldehyde	0,25-<1%
EINECS: 201-289-8	Repr. 2, H361; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 106-24-1	Geraniol	0,1-<1%
EINECS: 203-377-1	📀 Eye Dam. 1, H318; 🗘 Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 106-22-9	Citronellol	0,1-<1%
EINECS: 203-375-0	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
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 soap and water.

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:

CO2, 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.

## **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 6 for mornation on personal protection equip

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**

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

### 128-37-0 2,6-di-tert-butyl-p-cresol

WEL (Great Britain) Long-term value: 10 mg/m<sup>3</sup>

76-22-2 bornan-2-one

WEL (Great Britain) Short-term value: 19 mg/m<sup>3</sup>, 3 ppm Long-term value: 13 mg/m<sup>3</sup>, 2 ppm

#### 110-19-0 isobutyl acetate

WEL (Great Britain) Short-term value: 903 mg/m<sup>3</sup>, 187 ppm Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

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

#### 8.2 Exposure controls

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.

#### Protection of hands:

Gloves are not required when product is used as intended.

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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 protection: Not required.

Limitation and supervision of exposure into the environment

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		
Appearance:		
Form:	Solid	
Colour:	According to product specification	
Odour:	Characteristic	
Odour threshold:	Not determined.	
pH-value:	Not applicable.	
Change in condition		
Melting point/freezing point:	Not applicable.	
Initial boiling point and boiling range	: Not applicable.	
Flash point:	Not applicable.	
Flammability (solid, gas):	Not determined.	
Ignition temperature:	Not determined.	
Decomposition temperature:	Not determined.	
Auto-ignition temperature:	Product is not selfigniting.	
Explosive properties:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not applicable.	
Upper:	Not applicable.	
Oxidising properties	Not determined.	
Vapour pressure:	Not applicable.	
Density:	Not determined.	
Relative density	Not applicable.	
Vapour density	Not applicable.	
Evaporation rate	Not applicable.	
Solubility in / Miscibility with		
water:	Insoluble.	
Partition coefficient: n-octanol/water:	Not determined.	
Viscosity:		
Dynamic:	Not applicable.	
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Kinematic:

Not applicable.

9.2 Other information

No further relevant information available.

### **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.

## **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

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.

## **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.

12.6 Other adverse effects No further relevant information available.

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## **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.

14.1 UN-Number	
ADR, IMDG, IATA	UN3077
14.2 UN proper shipping name	
ADR	3077 ENVIRONMENTALLY HAZARDOUS
	SUBSTANCE, SOLID, N.O.S. (1-(1,2,3,4,5,6,7,8-
	Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone
	Ethylene brassylate)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
	SOLID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-
	tetramethyl-2-naphthalenyl)ethanone, Ethylene brassylate), MARINE POLLUTANT
ΙΑΤΑ	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
	SOLID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-
	tetramethyl-2-naphthalenyl)ethanone, Ethylene
	brassylate)
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
<b>)</b> - <b>)</b>	
Class	9 Miscellaneous dangerous substances and articles.
Class	9 Miscellaneous dangerous substances and articles. 9
Class Label 14.4 Packing group	•
Class Label 14.4 Packing group	9
Class Label 14.4 Packing group ADR, IMDG, IATA	9
Class Label 14.4 Packing group ADR, IMDG, IATA	9 III Product contains environmentally hazardous substances: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthalenyl)ethanone
Class Label 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards: Marine pollutant:	9 III Product contains environmentally hazardous substances: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthalenyl)ethanone Symbol (fish and tree)
Class Label 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards:	9 III Product contains environmentally hazardous substances: 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8- tetramethyl-2-naphthalenyl)ethanone

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14.6 Special precautions for user Danger code (Kemler): EMS Number: Stowage Category Stowage Code	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F A SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
14.7 Transport in bulk according to Ann Marpol and the IBC Code	ex II of 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 provision of IATA must be observed.
<i>ADR Limited quantities (LQ) Excepted quantities (EQ)</i>	5 kg Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
Transport category Tunnel restriction code	3 E
IMDG Limited quantities (LQ) Excepted quantities (EQ)	5 kg 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. (1-(1,2,3,4,5,6,7,8- OCTAHYDRO-2,3,8,8-TETRAMETHYL-2- NAPHTHALENYL)ETHANONE, ETHYLENE BRASSYLATE), 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 Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

National regulations:

Information about limitation of use: Employment restrictions concerning juveniles must be observed.

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**15.2 Chemical safety assessment:** A Chemical Safety Assessment 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 CLP regulation
- SECTION 11:
- Minor changes (wording, format)

- Update of content based on new product classification

SECTION 13: Update of content based on newly available information

SECTION 15: Update of content based on newly available information

SECTION 16: Update of content based on newly available information

#### Relevant phrases

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

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.

#### 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

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

Acute Tox. 4: Acute toxicity – Category 4

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

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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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