

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

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

**1.1 Product identifier**Trade name: **LITTLE TREES Pure Steel 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



GHS07

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**

GHS07

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

Linalool

(Contd. on page 2)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

Trade name: **LITTLE TREES Pure Steel Tree**

(Contd. of page 1)

(R)-p-mentha-1,8-diene  
 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone  
 Coumarin  
 3-(p-methoxyphenyl)-2-methylpropionaldehyde

**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.

<b>Dangerous components:</b>		
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	2,5-5%
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%
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: 10339-55-6 EINECS: 233-732-6	3,7-dimethylnona-1,6-dien-3-ol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-2,5%
CAS: 120-51-4 EINECS: 204-402-9	Benzyl benzoate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	0,25-1%
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	0,25-<1%
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	0,25-<1%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin ⚠ Acute Tox. 4, H302; Skin Sens. 1B, H317	0,1-<1%
CAS: 34902-57-3 Reg.nr.: 01-0000016883-62	Habanolide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411	0,25-1%
CAS: 128-37-0 EINECS: 204-881-4	2,6-di-tert-butyl-p-cresol ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0,25-1%
CAS: 5462-06-6 EINECS: 226-749-5	3-(p-methoxyphenyl)-2-methylpropionaldehyde ⚠ Skin Sens. 1B, H317	0,1-<1%

(Contd. on page 3)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

**Trade name: LITTLE TREES Pure Steel Tree**

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

(Contd. of page 2)

### 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:**

CO<sub>2</sub>, 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.

(Contd. on page 4)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

Trade name: **LITTLE TREES Pure Steel Tree**

(Contd. of page 3)

**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:****57-55-6 propane-1,2-diol**

WEL (Great Britain)	Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm *total vapour and particulates **particulates
---------------------	--

**64-17-5 ethanol**

WEL (Great Britain)	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
---------------------	--

**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
---------------------	---

**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.

### 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

(Contd. on page 5)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

Trade name: **LITTLE TREES Pure Steel Tree**

(Contd. of page 4)

<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.
<b>Change in condition</b>	
<i>Melting point/freezing point:</i>	Not applicable.
<i>Initial boiling point and boiling range:</i>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not determined.
<b>Ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<i>Lower:</i>	Not applicable.
<i>Upper:</i>	Not applicable.
<b>Oxidising properties</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density:</b>	Not determined.
<i>Relative density</i>	Not applicable.
<i>Vapour density</i>	Not applicable.
<i>Evaporation rate</i>	Not applicable.
<b>Solubility in / Miscibility with water:</b>	Insoluble.
<b>Partition coefficient: n-octanol/water:</b>	Not applicable.
<b>Viscosity:</b>	
<i>Dynamic:</i>	Not applicable.
<i>Kinematic:</i>	Not applicable.
<b>9.2 Other information</b>	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.

(Contd. on page 6)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

Trade name: **LITTLE TREES Pure Steel Tree**

(Contd. of page 5)

**LD/LC50 values relevant for classification:****5989-27-5 (R)-p-mentha-1,8-diene**

Oral LD50 4400 mg/kg (rat)

**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:** Harmful 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.

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

(Contd. on page 7)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

Trade name: **LITTLE TREES Pure Steel Tree**

(Contd. of page 6)

<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b> Marine pollutant:	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	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.

#### 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.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

(Contd. on page 8)

# Safety data sheet

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

Printing date: 03.07.2017

Revision: 03.07.2017

**Trade name: LITTLE TREES Pure Steel Tree**

(Contd. of page 7)

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

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. 1B: Skin sensitisation – Category 1B

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

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