

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

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

1.1 Product identifier

Trade name: **LITTLE TREES Vanilla Bottle**

UFI: 65DC-6FDS-RS2T-UJ3Y

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

Application of the substance / the mixture: Air freshener

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

WUNDER-BAUM AG

Emdwiesenstrasse 29

CH-8240 Thayngen

Switzerland

Tel. +41 52 645 0707

Further information obtainable from:

LITTLE TREES Europe Ltd.

Buckingham House

West Street, Newbury

RG14 1BD, UK

Tel. +1 3157 889 438

Email: chemicalsafety@littletrees.com

1.4 Emergency telephone number

Guy's & St Thomas' poisons unit (GTPU)

Mary Sheridan House

15 St Thomas Street

London SE1 9RY

United Kingdom

Tel (24 hour): +44 (0)20 7188 0300 (for health care professionals)

NHS Direct (24 h, health advice for the public) 0845 4647

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



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.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 1)

Hazard pictograms

GHS07 GHS09

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

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

p-Anisyl acetate

Coumarin

Anisyl alcohol

Linalool

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.

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: 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	≥5-<10%
CAS: 121-33-5 EINECS: 204-465-2 Reg.nr.: 01-2119516040-60-xxxx	Vanillin ⚠ Eye Irrit. 2, H319	≥5-<10%
CAS: 104-21-2 EINECS: 203-185-8 Reg.nr.: 01-2120752374-54-XXXX	p-Anisyl acetate ⚠ Skin Sens. 1B, H317	1-2,5%
CAS: 91-64-5 EINECS: 202-086-7 Reg.nr.: 01-2119949300-45-xxxx	Coumarin ⚠ Acute Tox. 4, H302; Skin Sens. 1B, H317	1-2,5%

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 2)

CAS: 105-13-5 EINECS: 203-273-6 Reg.nr.: 01-2119934494-33-XXXX	Anisyl alcohol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0,1-<1%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319	0,1-1%
CAS: 123-35-3 EINECS: 204-622-5 Reg.nr.: 01-2119514321-56-xxxx	7-methyl-3-methyleneocta-1,6-diene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥0,1-<0,25%
CAS: 78-70-6 EINECS: 201-134-4 Reg.nr.: 01-2119474016-42-xxxx	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0,1-<1%
CAS: 123-68-2 EINECS: 204-642-4 Reg.nr.: 01-2119983573-26-XXXX	allyl hexanoate ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 3, H412	≥0,1-<0,25%
CAS: 123-92-2 EINECS: 204-662-3 Reg.nr.: 01-2119548408-32-xxxx	isopentyl acetate ⚠ Flam. Liq. 3, H226, EUH066	≤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 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.
(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 3)

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**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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:****64-17-5 ethanol**WEL (Great Britain) Long-term value: 1920 mg/m³, 1000 ppm**123-92-2 isopentyl acetate**WEL (Great Britain) Short-term value: 541 mg/m³, 100 ppm
Long-term value: 270 mg/m³, 50 ppmIOELV (Germany) Short-term value: 540 mg/m³, 100 ppm
Long-term value: 270 mg/m³, 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 item 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: LITTLE TREES Vanilla Bottle

(Contd. of page 4)

Avoid contact with the eyes and skin.

Respiratory protection: Not required.**Hand protection:**

Gloves are not required when product is used as intended.

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

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation (EN374).
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

Penetration time of glove material:

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

Eye/face protection: Not required.**Environmental exposure controls:** Do not allow to reach ground water, water bodies or sewage system.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range:	Not determined.
Flammability:	Not determined.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	64 °C
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH-value:	Not determined.
Viscosity	
Kinematic:	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined.
Relative density:	Not determined.
Vapour density:	Not determined.
Particle characteristics:	Not applicable.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 5)

9.2 Other information**Appearance:****Form:** Fluid**Important information on protection of health and environment, and on safety****Ignition temperature:** Not determined.**Explosive properties:** Product does not present an explosion hazard.**Change in condition****Softening point/range:** Not determined.**Oxidising properties:** Not determined.**Evaporation rate:** Not determined.**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.

GB

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 6)

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.

LD/LC50 values relevant for classification:

5989-27-5 (R)-p-Mentha-1,8-diene

Oral	LD50	4.400 mg/kg (rat)
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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.

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.

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.

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: LITTLE TREES Vanilla Bottle

(Contd. of page 7)

European waste catalogue

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

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

Uncleaned packaging:

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

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN3082

14.2 UN proper shipping name

ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE)

IMDG

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE, α,α -dimethylphenethyl butyrate), MARINE POLLUTANT

IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPENTENE)

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class
Label

9 Miscellaneous dangerous substances and articles.
9

14.4 Packing group

ADR, IMDG, IATA

III

14.5 Environmental hazards**Marine pollutant:**

Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

Special marking (IATA):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

Hazard identification number (Kemler code):

90

EMS Number:

F-A,S-F

Stowage Category

A

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 due to the special provision n° 375 nor to the requirements of IMDG due to the provision 2.10.2.7

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: **LITTLE TREES Vanilla Bottle**

(Contd. of page 8)

applicable to substances with UN numbers 3077 and 3082, as the product is transported in individual or combination packaging containing a net quantity per single or inner packaging of less than or equal to 5 liters for liquids or 5 kg for solids. The general packaging provisions of the ADR mentioned in Sections 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 must be observed. 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

Limited quantities (LQ)
Excepted quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

Transport category
Tunnel restriction code

3
-

IMDG

Limited quantities (LQ)
Excepted quantities (EQ)

5L
Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (DIPENTENE), 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

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

None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)
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None of the ingredients is listed.

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

(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: LITTLE TREES Vanilla Bottle

(Contd. of page 9)

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

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

Other regulations, limitations and prohibitive regulations
Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

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 CLP regulation
- Minor changes (wording, format)

SECTION 9: Minor changes (wording, format)

SECTION 11:

- Update of content based on new product classification
- Minor changes (wording, format)

SECTION 12: 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:

- H225 Highly flammable liquid and vapour.
 - H226 Flammable liquid and vapour.
 - H301 Toxic if swallowed.
 - H302 Harmful if swallowed.
 - H304 May be fatal if swallowed and enters airways.
 - H311 Toxic in contact with skin.
 - H315 Causes skin irritation.
 - H317 May cause an allergic skin reaction.
 - H319 Causes serious eye irritation.
 - H331 Toxic if inhaled.
 - H400 Very toxic to aquatic life.
 - H410 Very toxic to aquatic life with long lasting effects.
 - H411 Toxic to aquatic life with long lasting effects.
 - H412 Harmful to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

(Contd. on page 11)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 16.08.2021

Version number 1

Revision: 16.08.2021

Trade name: LITTLE TREES Vanilla Bottle

(Contd. of page 10)

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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2
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. 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