Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.11.2020 *Revision: 03.11.2020*

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

1.1 Product identifier

Trade name: **LITTLE TREES Vanillaroma Tree**

UFI: 4F9J-KTJ5-5W0V-42JK

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

GHS09 environment

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

GHS07

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.

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Hazard pictograms

GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:
p-Anisyl acetate
(R)-p-mentha-1,8-diene
Coumarin
Anisyl alcohol

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.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 104-21-2 EINECS: 203-185-8	p-Anisyl acetate Skin Sens. 1B, H317	5-10%
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	2,5-5%
CAS: 121-33-5 EINECS: 204-465-2 Reg.nr.: 01-2119516040-60-xxxx	Vanillin Eye Irrit. 2, H319	2,5-5%
CAS: 91-64-5 EINECS: 202-086-7 Reg.nr.: 01-2119943756-26-xxxx	Coumarin Acute Tox. 4, H302; Skin Sens. 1B, H317	1-2,5%
CAS: 105-13-5 EINECS: 203-273-6	Anisyl alcohol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-2,5%
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	≥0,25-<1%

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CAS: 142-19-8 EINECS: 205-527-1 Reg.nr.: 01-2119488961-23-XXXX	allyl heptanoate Acute Tox. 3, H301; Acute Tox. 3, H311; 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	0,1-1%
CAS: 628-63-7 EINECS: 211-047-3	pentyl acetate Flam. Liq. 3, H226	0,1-1%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119480433-40-XXXX	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0,1-<0,25%

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:

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

Rinse cautiously with water for several minutes.

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.

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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:	
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
628-63-7 pentyl 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
128-37-0 Butylated hydroxytoluene	
WEL (Great Britain)	Long-term value: 10 mg/m³

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:
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
In case of prolonged contact with skin, wear protective gloves.

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Gloves are not required when product is used as intended.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation (EN374).
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 applicable.

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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.

LD/LC50 values relevant for classification:		
5989-27-5 (R)-p-mentha-1,8-diene		
Oral	LD50	4.400 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: 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.

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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
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, IMDG, IATA	UN3077

14.2 UN proper shipping name

ADR	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, allyl hexanoate)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, allyl hexanoate), MARINE POLLUTANT
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, allyl hexanoate)

14.3 Transport hazard class(es)

ADR, IMDG, IATA

Class	9 Miscellaneous dangerous substances and articles.
Label	9

14.4 Packing group

ADR, IMDG, IATA	III

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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
Stowage Code	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information:

This product is not subject to the requirements of ADR nor IMDG due to special provision N°335 applicable to small quantities of UN 3077.
Due to the special provision IATA No. A197 applicable to substances with UN numbers 3077 and 3082, this product can be shipped as "Not Restricted - N.R.", as the product is shipped in packaging having a maximum net capacity of 5 L/kg. The general packaging provisions of IATA must be observed.

ADR

Limited quantities (LQ)	5 kg
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
Transport category	3
Tunnel restriction code	-

IMDG

Limited quantities (LQ)	5 kg
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g

UN "Model Regulation": UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (DIPENTENE, ALLYL HEXANOATE), 9, III

SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category E2 Hazardous to the Aquatic Environment
Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t

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

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
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 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:
- Update of ingredient classifications according to the latest version of IFRA Labeling Manual / Annex VI of the CLP regulation
SECTION 14: Update of content based on new product classification
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.
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.
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)
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. 3: Acute toxicity - oral – Category 3
Acute Tox. 4: Acute toxicity - oral – 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

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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