according to 1907/2006/EC, Article 31

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

1.1 Product identifier

Trade name: LITTLE TREES Jungle Fever Tree

UFI: JS6P-1TXE-AW0R-89QM

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 GB CLP regulation.

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Hazard pictograms





Signal word Warning

Hazard-determining components of labelling

1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

Linalyl acetate

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

Citronellol

Neryl acetate

Geranyl acetate

alpha-iso-Methylionone

Geraniol

Cyclamen aldehyde

Coumarin

trans-rose ketone-3

Hazard statements

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P302+P352 IF ON SKIN: Wash with plenty of water and soap.

Dispose of used product(s) with household waste; Dispose of unused product(s) at hazardous or special P501

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.

CAS: 68155-66-8 EINECS: 268-978-3	1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one	2,5–5%
	Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 115-95-7 EINECS: 204-116-4 Reg.nr.: 01-2119454789-19-XXX)	Linalyl acetate Skin Irrit. 2, H315; Skin Sens. 1B, H317	1–2,5%

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		(Contd. of page
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-096-00-2 RTECS: GW 6360000 Reg.nr.: 01-2119529223-47-XXXX	(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 Note: C	≥0,25–<1%
CAS: 106-22-9 EINECS: 203-375-0 RTECS: RH 3400000 Reg.nr.: 01-2119453995-23-XXXX	Citronellol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0,1–<1%
CAS: 141-12-8 EINECS: 205-459-2 Reg.nr.: 01-2120748334-54-XXXX	Neryl acetate Skin Sens. 1B, H317	≥0,1–<1%
CAS: 105-87-3 EINECS: 203-341-5 Reg.nr.: 01-2119973480-35-0004	Geranyl acetate Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0,1–<1%
CAS: 127-51-5 EINECS: 204-846-3 Reg.nr.: 01-2119471851-35-XXXX	alpha-iso-Methylionone Aquatic Chronic 2, H411; Skin Sens. 1B, H317	≥0,25–<1%
CAS: 106-24-1 EINECS: 203-377-1 Index number: 603-241-00-5 RTECS: RG 5830000 Reg.nr.: 01-2119552430-49-XXXX	Geraniol Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0,1–<1%
CAS: 103-95-7 EINECS: 203-161-7 Reg.nr.: 01-2119970582-32-XXXX	Cyclamen aldehyde Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0,1–<1%
CAS: 91-64-5 EINECS: 202-086-7 RTECS: GN 4200000 Reg.nr.: 01-2119943756-26-XXXX	Coumarin Acute Tox. 3, H301; Skin Sens. 1B, H317	≥0,1–<1%
CAS: 65405-77-8 EINECS: 265-745-8 Reg.nr.: 01-2119987320-37-XXXX	(Z)-3-hexenyl salicylate Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0,1–<0,25%
CAS: 28645-51-4 EINECS: 249-120-7 Reg.nr.: 01-2120103324-74-XXXX	Oxacycloheptadec-10-ene-2-one Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=10)	≥0,025–≤0,1
CAS: 123-92-2 EINECS: 204-662-3 Index number: 607-130-00-2 RTECS: NS 9800000 Reg.nr.: 01-2119548408-32-XXXX	isopentyl acetate Flam. Liq. 3, H226, EUH066 Note: C	≤0,1%
CAS: 71048-82-3 EINECS: 275-156-8 Reg.nr.: 01-2119535122-53-XXXX	trans-rose ketone-3 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1A, H317	<0,025%
CAS: 128-37-0 EINECS: 204-881-4 RTECS: GO 7875000	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<0,025%

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

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with plenty of water and soap.

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

After eye contact:

Rinse cautiously with water for several minutes.

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

If symptoms persist consult doctor.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

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.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

7.3 Specific end use(s) Air freshener

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

123-92-2 isopentyl acetate

WEL (Great Britain) Short-term value: 541 mg/m³, 100 ppm

Long-term value: 270 mg/m³, 50 ppm

IOELV (Germany) 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

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.

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.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state: Solid

Colour: According to product specification

Odour: Characteristic
Odour threshold: Not determined.
Melting point/freezing point: Not applicable.
Boiling point or initial boiling point and boiling range: Not applicable.
Flammability: Not determined.

Lower and upper explosion limit

Lower:Not applicable.Upper:Not applicable.Flash point:Not applicable.

Ignition temperature: Product is not selfigniting.

Decomposition temperature: Not determined.

pH-value: Mixture is non-soluble (in water).

Viscosity

Kinematic:Not applicable.Dynamic:Not applicable.

Solubility

water: Insoluble.Partition coefficient n-octanol/water (log value): Not applicable.Vapour pressure: Not applicable.

Density and/or relative density

Density:Not determined.Relative density:Not applicable.Vapour density:Not applicable.Particle characteristics:Not applicable.

9.2 Other information

Appearance:

Form: Solid

Important information on protection of health and

environment, and on safety

Auto-ignition temperature: Product is not selfigniting.

Explosive properties: Product does not present an explosion hazard.

Change in condition

Softening point/range:Not determined.Oxidising properties:Not determined.Evaporation rate:Not applicable.

9.2.1 Information with regard to physical hazard

classesExplosivesVoidFlammable gasesVoidAerosolsVoidOxidising gasesVoidGases under pressureVoidFlammable liquidsVoidFlammable solidsVoid

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(Contd. of page 6) 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 Void Organic peroxides Corrosive to metals Void

Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability

Desensitised explosives

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 hazard classes as defined in Regulation (EC) No 1272/2008

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

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91-64-5 Coumarin

Oral LD50 293 mg/kg (rat)

123-92-2 isopentyl acetate

Oral LD50 16.000 mg/kg (rat)

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.

128-37-0 Butylated hydroxytoluene

List II

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 For information on endocrine disrupting properties see section 11.
- 12.7 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Dispose of used product(s) with household waste; Dispose of unused product(s) at hazardous or special waste collecting point.

European waste catalogue

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

producto.	
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.

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14.1 UN number or ID number	
ADR, IMDG, IATA	UN3077
14.2 UN proper shipping name	
ADR	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANC
	SOLID, N.O.S. (1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, d-limonene)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
	SOLID, N.O.S. (1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-
	tetramethyl-2-naphthyl)ethan-1-one, d-limonene),
IATA	MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
	SOLID, N.O.S. (1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-
	tetramethyl-2-naphthyl)ethan-1-one, d-limonene)
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
14.5 Environmental hazards	
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR): Special marking (IATA):	Symbol (fish and tree)
· · · · · · · · · · · · · · · · · · ·	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Miscellaneous dangerous substances and
Hazard identification number (Kemler code):	articles. 90
EMS Number:	F-A,S-F
LING NUMBER.	A
Stowage Category	
	SW23 When transported in BK3 bulk container, see 7.6.2.12 and 7.7.3.9.
Stowage Category	7.6.2.12 and 7.7.3.9.

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Transport/Additional information:	This product is not subject to the requirements of ADR not 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 producan be shipped as "Not Restricted - N.R.", as the producis shipped in packaging having a maximum net capacity 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
C	SUBSTANCE, SOLID, N.O.S. (1-(1,2,3,5,6,7,8,8A-
	OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)
	ETHAN-1-ONE, D-LIMONENE), 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)

None of the ingredients is listed.

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

Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (PIC)

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

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Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

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:

- Changes in the product composition
- Update of ingredient classifications according to the latest version of IFRA Labeling Manual / Annex VI of the GB CLP regulation
- Minor changes (wording, format)
- SECTION 4: Update of content based on new product classification
- SECTION 8: Update of content based on newly available information

SECTION 11, SECTION 12:

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

SECTION 14: Update of content based on new product classification

SECTION 15:

- Update of content based on newly available information
- Minor changes (wording, format)

SECTION 16: Update of content based on newly available information

Relevant phrases:

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- 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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 3: Acute toxicity – Category 3

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

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