



Little Joe 3D MINI EUCALYPTUS / Little Joe 3D EUCALYPTUS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 10/9/2018 Revision date: 7/30/2019 Supersedes: 1/21/2019 Version: 3.1

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

1.1. Product identifier

Product form : Mixture
Product name : Little Joe 3D MINI EUCALYPTUS / Little Joe 3D EUCALYPTUS
UFI : 38N5-G5K2-T00F-FFNK

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Air Freshener

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Drive Int. AG
Pilatusstrasse 28
6052 CH-Hergiswil
T +41 (0) 41 511 0304
info@drive-int.ch - www.drive-int.ch

Distributor

Auto Sport Diffusion
28 rue Béatrix de Bourbon
L-1225 Luxembourg
T (00352) 442787-1 - F (00352) 442787-40
autospor@pt.lu - www.autosportdiffusion.lu

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital, Guy's & St Thomas' Hospital Trust	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK only, Monday to Friday, 08.00 to 18.00 hours)	-

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Sens. 1 H317
Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazardous ingredients : l-carvone; L-menthone; Mentha arvensis, ext. ; (R)-p-mentha-1,8-diene; pin-2(3)-ene
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : 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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Dispose of contents/container in accordance with local and national regulations.

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,2,4,6,6-pentamethylheptane	(CAS-No.) 13475-82-6 (EC-No.) 236-757-0 (REACH-no) 01-2119490725-29	< 7	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 4, H413
3-methoxy-3-methylbutan-1-ol	(CAS-No.) 56539-66-3 (EC-No.) 260-252-4 (REACH-no) 01-2119976333-33	< 3	Eye Irrit. 2, H319
l-carvone	(CAS-No.) 6485-40-1 (EC-No.) 229-352-5 (EC Index-No.) 606-148-00-8 (REACH-no) 01-2119962458-25	< 3	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317
L-menthone	(CAS-No.) 14073-97-3 (EC-No.) 237-926-1 (REACH-no) 01-2119983789-09	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317
Mentha arvensis, ext.	(CAS-No.) 68608-35-5, 68917-18-0, 90063-97-1 (EC-No.) 290-058-5 (REACH-no) 01-2119973492-30	< 0.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
(R)-p-mentha-1,8-diene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7 (REACH-no) 01-2119529223-47	< 0.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
pin-2(3)-ene	(CAS-No.) 80-56-8 (EC-No.) 201-291-9 (REACH-no) 01-2119519223-49	< 0.25	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Move the affected person to the fresh air. Get medical advice and attention if you feel unwell.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water. In case of redness or irritation, call a doctor.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. If irritation persists, consult an eye specialist.
First-aid measures after ingestion	: Rinse mouth out with water. Never attempt to induce vomiting. Get medical advice and attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact : May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO ₂). Water spray. Foam. Dry powder.
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Nitrogen oxides. Toxic fumes.

5.3. Advice for firefighters

Firefighting instructions : Contain the extinguishing fluids by bunding (the product is hazardous for the environment). Cool down the containers exposed to heat with a water spray.

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Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not allow product to spread into the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Mechanically recover the product.

Methods for cleaning up : Wash contaminated area with large amounts of water.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin.

Hygiene measures : Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in dry, well-ventilated area. Keep away from heat.

Incompatible products : Strong oxidizing agents. Strong bases. Strong acids.

Packaging materials : Original packaging.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

In case of repeated or prolonged contact wear gloves. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374. Breakthrough time : refer to the recommendations of the supplier

Eye protection:

Not required for normal conditions of use

Skin and body protection:

Not required for normal conditions of use

Respiratory protection:

Not required for normal conditions of use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : Black.

Odour : Eucalyptus.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: The product is not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

None to our knowledge.

10.4. Conditions to avoid

Keep away from incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents. Acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

2,2,4,6,6-pentamethylheptane (13475-82-6)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rabbit	5000 mg/kg (OECD 402 method)
LC50 inhalation rat	>= 5000 mg/m ³ (OECD 403 method)

l-carvone (6485-40-1)

LD50 dermal rat	> 2000 mg/kg (OECD 402 method)
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(R)-p-mentha-1,8-diene (5989-27-5)

LD50 oral rat	> 2000 mg/kg (OECD 423 method)
LD50 dermal rabbit	> 5000 mg/kg (read-across)

pin-2(3)-ene (80-56-8)

LD50 oral rat	> 500 mg/kg bodyweight (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.

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Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

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

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

I-carvone (6485-40-1)

LC50 fish	6.4 mg/l/96h Oncorhynchus mykiss (Rainbow trout)(OECD 203 method)
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EC50 Daphnia	38 mg/l/48 h (Daphnia magna)(OECD 202 method)
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ErC50 (algae)	19 mg/l/72 h (Pseudokirchneriella subcapitata)(OECD 201 method)
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NOEC chronic algae	4.3 mg/l/72 h (Pseudokirchneriella subcapitata)(OECD 201 method)
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L-menthone (14073-97-3)

LC50 fish	> 28 mg/l/96h (méthode OCDE 203) Brachydanio rerio (zebra-fish)
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EC50 Daphnia	30.6 mg/l/48 h (Méthode UE C.2) (Daphnia magna)
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EC50 72h algae (1)	58 mg/l (méthode OCDE 201) (Pseudokirchnerella subcapitata, 72h)
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(R)-p-mentha-1,8-diene (5989-27-5)

LC50 fish	0.72 mg/l/96h (Pimephales promelas) (OECD 203 method)
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EC50 Daphnia	0.307 mg/l/48 h (Daphnia magna) (OECD 202 method)
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ErC50 (algae)	0.32 mg/l/72 h (Pseudokirchnerella subcapitata) (OECD 201 method)
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NOEC chronic fish	0.08 mg/l/ 28 days Quantitative structure-activity relationship (QSAR)(OECD 210 method)
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NOEC chronic crustacea	0.08 mg/l/ 21 days (Daphnia magna)(OECD 211 method)
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NOEC chronic algae	0.174 mg/l/72 h (Pseudokirchnerella subcapitata) (OECD 201)
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pin-2(3)-ene (80-56-8)

LC50 fish	0.27 mg/l/96h (Cyprinus carpio) (OECD 203 method)
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EC50 Daphnia	0.475 mg/l/48 h (Daphnia magna) (OECD 202 method)
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NOEC chronic algae	0.131 mg/l/72 h (OECD 201 method)
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12.2. Persistence and degradability

I-carvone (6485-40-1)

Persistence and degradability	Readily biodegradable.
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L-menthone (14073-97-3)

Persistence and degradability	Inherently biodegradable. (OECD 301F method).
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(R)-p-mentha-1,8-diene (5989-27-5)

Persistence and degradability	Readily biodegradable. (OECD 301D method).
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pin-2(3)-ene (80-56-8)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

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

Log Pow	4.38 (OECD 117 method)
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component

2,2,4,6,6-pentamethylheptane (13475-82-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
l-carvone (6485-40-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
(R)-p-mentha-1,8-diene (5989-27-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Dispose of in accordance with relevant local regulations.
Additional information	: Empty the packaging completely prior to disposal. Recycle or dispose of in compliance with current legislation.
European List of Waste (LoW) code	: 20 03 01 - mixed municipal waste

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6. Special precautions for user

Special transport precautions : No additional information available

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

This sheet was updated (refer to the date at the top of this page). SDS changed sections : 1.1.

Data sources : SDS of suppliers. ECHA - European Chemicals Agency.

Other information : This safety data sheet has been written in conformity with the Annex II of the Regulation (EC) 1907/2006 (REACH).

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
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.
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.
H413	May cause long lasting harmful effects to aquatic life.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	Calculation method

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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.