

CHEMICAL SAFETY DATA SHEET
according to 1907/2006/EC Article 31, as amended by N°
453/2010

2581700

Reviewed on: 14/01/20
Printing date: 14/01/2020

SECTION 01: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name:
WOODY BLEND ORGANIC
- Article number:
CB075

1.2 Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the preparation
Only for industrial use

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GOLGEMMA TEL: +33(0)4.68.74.17.89
Route de FA email: fds@golgemma.com
11260 ESPERAZA
FRANCE

1.4 Emergency telephone number:
FR-ORFILA (INRS):+33(0)1 45 42 59 59

SECTION 02: Hazards identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS07

Skin Sens. 1B - H317 May cause an allergic skin reaction.



GHS09

Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008

- Hazard pictograms



GHS08



GHS07



GHS09

- Signal word
Danger

- Hazard-determining components of labelling:

Eucalyptol / pin-2(3)-ene / beta-Pinene / (R)-p-mentha-1,8-diene /
Eugenol / beta-Caryophyllene

- Hazard statements

H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

- Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P405 Store locked up.

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P501 Dispose of contents/container in accordance with local/regional/ national/international regulations. *(continued of page 1)*

2.3 Other hazards

- Results of PBT and vPvB assessment
 - PBT:
Not applicable.
 - vPvB:
Not applicable.

SECTION 03: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

- Description:
Mixture

- Dangerous components:

CAS Number		%
470-82-6	Eucalyptol EC number: 207-431-5 ⚠ Flam. Liq. 3 - H226; ⚠ Skin Sens. 1B - H317	20,001-50,00
80-56-8	pin-2(3)-ene EC number: 201-291-9 ⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3 - H226; ⚠ Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1B - H317	10,001-20,00
127-91-3	beta-Pinene EC number: 204-872-5 ⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	5,001-10,00
5989-27-5	d-limonene EC number: 227-813-5 ⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317; ⚠ Aquatic Acute 1 - H400; Aquatic Chronic 3 - H412	5,001-10,00
97-53-0	Eugenol EC number: 202-589-1 ⚠ Eye Irrit. 2 - H319, Skin Sens. 1B - H317	5,001-10,00
99-87-6	p-cymene EC number: 202-796-7 ⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3 - H226; ⚠ Aquatic Chronic 2 - H411	1,001- 5,00
87-44-5	beta-Caryophyllene EC number: 201-746-1 ⚠ Asp. Tox. 1 - H304; ⚠ Skin Sens. 1B - H317	1,001- 5,00
123-35-3	Myrcene	1,001- 5,00 <i>(continued on page 3)</i>

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	EC number: 204-622-5 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	
98-55-5	p-menth-1-en-8-ol	1,001- 5,00
	EC number: 202-680-6 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	
475-20-7	longifolene	1,001- 5,00
	EC number: 207-491-2 ☠ Asp. Tox. 1 - H304; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317; ☠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
79-92-5	camphene	1,001- 5,00
	EC number: 201-234-8 ☠ Flam. Sol. 1 - H228; ☠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
13466-78-9	delta-3-Carene	1,001- 5,00
	EC number: 236-719-3 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	
469-61-4	alpha-Cedrene	1,001- 5,00
	EC number: 207-418-4 ☠ Asp. Tox. 1 - H304; ☠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
93-28-7	4-allyl-2-methoxyphenyl acetate	1,001- 5,00
	⚠ Acute Tox. 4 - H302	
562-74-3	4-Carvomenthenol	1,001- 5,00
	EC number: 209-235-5 ⚠ Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	
586-62-9	Terpinolene	0,101-1,00
	EC number: 209-578-0 ☠ Asp. Tox. 1 - H304; ⚠ Skin Sens. 1B - H317; ☠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
99-86-5	p-mentha-1,3-diene	0,101-1,00
	EC number: 202-795-1 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ⚠ Acute Tox. 4 - H302; ☠ Aquatic Chronic 2 - H411	
1139-30-6	Caryophyllene oxide	0,101-1,00
	EC number: 214-519-7 ☠ Aquatic Chronic 2 - H411	

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8007-35-0	Terpinyl acetate (Isomer mixture) EC number: 232-357-5 ⚠ Aquatic Chronic 2 - H411	0,101-1,00
77-53-2	Cedrol EC number: 201-035-6 ⚠ Aquatic Chronic 2 - H411	0,101-1,00
106-24-1	Geraniol EC number: 203-377-1 ⚠ Eye Dam. 1 - H318; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	0,101-1,00
10458-14-7	Menthone EC number: 233-944-9 ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	0,101-1,00
590-86-3	3-Methylbutyraldehyde EC number: 209-691-5 ⚠ Flam. Liq. 2 - H225; ⚠ Eye Irrit. 2 - H319, Skin Sens. 1B - H317, STOT SE 3 - H335; ⚠ Aquatic Chronic 2 - H411	0,101-1,00
78-70-6	Linalool EC number: 201-134-4 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	0,101-1,00
105-87-3	Geranyl acetate EC number: 203-341-5 ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Chronic 3 - H412	0,101-1,00
97-54-1	Isoeugenol ⚠ Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1A - H317	0,01-0,100

SECTION 04: First aid measures

4.1 Description of first aid measures

- General information:
Seek immediate medical advice.
- After inhalation:
Supply fresh air and to be sure call for a doctor.
- After skin contact:
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Seek immediate medical advice.
- Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

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No further relevant information available.

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SECTION 05: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing agents:
CO2, sand, extinguishing powder. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
Water with full jet

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

- Protective equipment:
Do not inhale explosion gases or combustion gases.
- Additional information
Cool endangered receptacles with water spray.

SECTION 06: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

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 07: Handling and storage

• **Handling:**

7.1 Precautions for safe handling

Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Handle with care. Avoid jolting, friction and impact.

• **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Prevent any seepage into the ground.
Use only receptacles specifically permitted for this substance/ product.
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available.

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SECTION 08: Exposure controls/personal protection

8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

CAS No.	Designation of material	%	Type	Value	Unit
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The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information:
The lists valid during the making were used as basis.

8.2 Exposure controls

- Personal protective equipment:
- General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
- Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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
- Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- 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: Safety glasses

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	fluid
Colour:	colourless to dark yellow
Odour:	fresh
Odour threshold:	Not determined.

Change in condition

Initial boiling point and boiling range:	0,0 °C
Flash point:	62,0 °C NFT 60-103 CC
Flammability (solid, gas):	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Vapour pressure:	Not determined.
Density:	Not determined.
Relative density :	0,9050 0,925 D20/20

Solubility in / Miscibility with

water:	Not determined.
Partition coefficient: n-octanol/water:	Not determined.

9.2 Other information No further relevant information available.

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SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:
Not determined.

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:

Not determined.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity
- LD/LC50 values relevant for classification:

ISO LD/LC

470-82-6

Eucalyptol

Oral, LD50: 3849 mg/kg (mouse) (Jiao Xu, 2014)

5989-27-5

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

Oral, LD50: 4400 mg/kg (rat)

97-53-0

Eugenol

Oral, LD50: 1930 mg/kg (rat)

87-44-5

beta-Caryophyllene

Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)

98-55-5

p-menth-1-en-8-ol

Oral, LD50: 4300 mg/kg (rat)

79-92-5

camphene

Oral, LD50: 5000 mg/kg (rat)
Dermal, LD50: 2500 mg/kg (Rabbit)

13466-78-9

delta-3-Carene

Oral, LD50: 4800 mg/kg (rat) (Moreno 1975)

1139-30-6

Caryophyllene oxide

Oral, LD50: >5000 mg/kg (rat) (Moreno 1978)

77-53-2

Cedrol

Dermal, LD50: >5000 mg/kg (Rabbit) (RIFM 1973)

590-86-3

3-Methylbutyraldehyde

Oral, LD50: 5600 mg/kg (rat)
Dermal, LD50: 3180 mg/kg (Rabbit)

78-70-6

Linalool

Oral, LD50: 2790 mg/kg (rat)
Dermal, LD50: 5610 mg/kg (Rabbit)

105-87-3

Geranyl acetate

Oral, LD50: >4000 mg/kg (rat) (NTP 1987)

97-54-1

Isoeugenol

Oral, LD50: 1560 mg/kg (rat)

- Primary irritant effect:
- Skin corrosion/irritation
No irritant effect.
- Serious eye damage/irritation
No irritating effect.
- Respiratory or skin sensitisation

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- Sensitization possible through skin contact.
- Subacute to chronic toxicity:
 - 87-44-5 beta-Caryophyllene**
Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)
 - Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Harmful
 - Germ cell mutagenicity
 - 470-82-6 Eucalyptol**
OECD 471 AMES: NEGATIVE (in vitro) (Haworth, 1983)
 - 87-44-5 beta-Caryophyllene**
OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989)
 - 1139-30-6 Caryophyllene oxide**
OECD 471 AMES: NEGATIVE (in vitro) (Richold and al, 1979)
 - 78-70-6 Linalool**
OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)
 - 105-87-3 Geranyl acetate**
OECD 471 AMES: NEGATIVE (in vitro) (NTP 1987)
 - Carcinogenicity
 - 78-70-6 Linalool**
Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007)
Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)
 - 105-87-3 Geranyl acetate**
Micronoyau: NEGATIVE (mouse) (in vivo, Shelby 1993)
 - Reproductive toxicity
Not determined.
 - STOT-single exposure
Not determined.
 - STOT-repeated exposure
Not determined.
 - Aspiration hazard
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:
 - 5989-27-5 (R)-p-mentha-1,8-diene**
LD50: 0,71 mg/l (fish) (OECD 203)
 - 99-87-6 p-cymene**
LD50: 1,63 mg/l (fish) (OECD 203)
 - 123-35-3 Myrcene**
LD50: 0,51 mg/l (fish) (OECD 203)
CE50/48h: 0,65 mg/l (daphnia)
 - 469-61-4 alpha-Cedrene**
LD50: 0,099 mg/l (daphnia)
 - 78-70-6 Linalool**
LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)
ErC50(0-72h): 156,7 mg/l (algae)
ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)
- 12.2 Persistence and degradability
No further relevant information available.
- Behaviour in environmental systems:
Not determined.
- 12.3 Bioaccumulative potential
No further relevant information available.
- 12.4 Mobility in soil
No further relevant information available.
- Ecotoxicological effects:

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- Not determined.
- Additional ecological information:
- General notes:
Very toxic for aquatic organisms
Danger to drinking water if even extremely small quantities leak into the ground.
The product contains materials that are harmful to the environment.

12.5 Results of PBT and vPvB assessment

- PBT:
Not applicable.
- vPvB:
Not applicable.

12.6 Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR UN3082

IMDG UN3082

IATA UN3082

14.2 UN proper shipping name

ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-PINENE)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-PINENE)

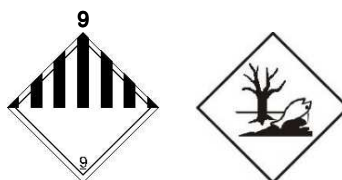
IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-PINENE)

14.3 Transport hazard class(es)

ADR

Class 9 (M6) Miscellaneous dangerous substances and articles.

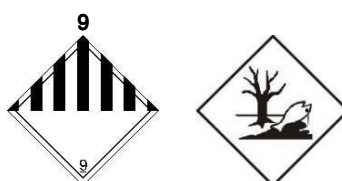
Label



IMDG

Class 9 Miscellaneous dangerous substances and articles.

Label



IATA

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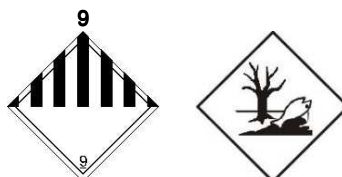
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Class 9 Miscellaneous dangerous substances and articles.

Label



14.4 Packing group

ADR III

IMDG III

IATA III

14.5 Environmental hazards:

Marine pollutant: Yes

14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

Danger code (Kemler): 90

EMS Number: F-A,S-F

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

- Transport/Additional information:
Not applicable.

Excepted quantities (EQ): E1

Limited quantities (LQ) 5L

Transport category 3

- UN "Model Regulation":
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BETA-PINENE), 9, III

SECTION 15: Regulatory information

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

- REGULATION (EC) No 1907/2006 ANNEX XVII
Conditions of restriction: 3, 40
- National regulations:
- Waterhazard class:
Water hazard class 3 (Self-assessment): extremely hazardous for water.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document.

The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- Relevant phrases
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H228 Flammable solid.

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H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory 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.

- **Training hints**

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

- **Abbreviations and acronyms:**

IFRA: International Fragrance Association IOFI: International Organization of the Flavor Industry
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organisation
 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

- **Sources**

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

- * Data compared to the previous version altered.