

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

2581500

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:  
SWEET BLEND ORGANIC
- Article number:  
CB060

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 Irrit. 2 - H315 Causes skin irritation.  
Skin Sens. 1 - 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:  
Linalool / Linalyl acetate / (R)-p-mentha-1,8-diene / beta-Caryophyllene / Eucalyptol / Geranyl acetate

- Hazard statements

H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
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.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.

(continued on page 2)

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

2581500

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**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 1)*

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

**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:

<b>CAS Number</b>		<b>%</b>
<b>78-70-6</b>	<b>Linalool</b> EC number: 201-134-4 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	<b>20,001-50,00</b>
<b>115-95-7</b>	<b>Linalyl acetate</b> EC number: 204-116-4 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317	<b>20,001-50,00</b>
<b>5989-27-5</b>	<b>d-limonene</b> 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	<b>20,001-50,00</b>
<b>87-44-5</b>	<b>beta-Caryophyllene</b> EC number: 201-746-1 ⚠ Asp. Tox. 1 - H304; ⚠ Skin Sens. 1B - H317	<b>1,001- 5,00</b>
<b>76-22-2</b>	<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one</b> EC number: 200-945-0 ⚠ Flam. Sol. 2 - H228; ⚠ Acute Tox. 4 - H302, Acute Tox. 4 - H332; ⚠ STOT SE 2 - H371	<b>1,001- 5,00</b>
<b>562-74-3</b>	<b>4-Carvomenthenol</b> EC number: 209-235-5 ⚠ Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	<b>1,001- 5,00</b>
<b>470-82-6</b>	<b>Eucalyptol</b> EC number: 207-431-5 ⚠ Flam. Liq. 3 - H226; ⚠ Skin Sens. 1B - H317	<b>1,001- 5,00</b>
<b>123-35-3</b>	<b>Myrcene</b>	<b>1,001- 5,00</b>

*(continued on page 3)*

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

2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 2)*

	EC number: 204-622-5 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	
<b>98-55-5</b>	<b>p-menth-1-en-8-ol</b>	<b>1,001- 5,00</b>
	EC number: 202-680-6 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	
<b>105-87-3</b>	<b>Geranyl acetate</b>	<b>1,001- 5,00</b>
	EC number: 203-341-5 ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317; Aquatic Chronic 3 - H412	
<b>3391-86-4</b>	<b>1-Octen-3-ol</b>	<b>1,001- 5,00</b>
	EC number: 222-226-0 ⚠ Acute Tox. 4 - H302, Acute Tox. 4 - H332, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; ☠ Aquatic Acute 1 - H400	
<b>80-56-8</b>	<b>pin-2(3)-ene</b>	<b>1,001- 5,00</b>
	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	
<b>127-91-3</b>	<b>beta-Pinene</b>	<b>1,001- 5,00</b>
	EC number: 204-872-5 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	
<b>106-24-1</b>	<b>Geraniol</b>	<b>1,001- 5,00</b>
	EC number: 203-377-1 ☠ Eye Dam. 1 - H318; ⚠ Skin Irrit. 2 - H315, Skin Sens. 1B - H317	
<b>99-87-6</b>	<b>p-cymene</b>	<b>1,001- 5,00</b>
	EC number: 202-796-7 ☠ Asp. Tox. 1 - H304; ☠ Flam. Liq. 3 - H226; ☠ Aquatic Chronic 2 - H411	
<b>586-62-9</b>	<b>Terpinolene</b>	<b>1,001- 5,00</b>
	EC number: 209-578-0 ☠ Asp. Tox. 1 - H304; ⚠ Skin Sens. 1B - H317; ☠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	
<b>2442-10-6</b>	<b>1-Octen-3-yl acetate</b>	<b>0,101-1,00</b>
	EC number: 219-474-7 ⚠ Acute Tox. 4 - H302, Skin Sens. 1B - H317	
<b>1139-30-6</b>	<b>Caryophyllene oxide</b>	<b>0,101-1,00</b>
	EC number: 214-519-7	

*(continued on page 4)*

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

2581500

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

<b>PRODUCT : SWEET BLEND ORGANIC</b>		
		<i>(continued of page 3)</i>
<b>79-92-5</b>	<p>⚠ Aquatic Chronic 2 - H411</p> <p><b>camphene</b></p> <p>EC number: 201-234-8</p> <p>⚠ Flam. Sol. 1 - H228; ⚠ Aquatic</p> <p>Acute 1 - H400, Aquatic Chronic 1 - H410</p>	<b>0,101-1,00</b>
<b>99-86-5</b>	<p><b>p-mentha-1,3-diene</b></p> <p>EC number: 202-795-1</p> <p>⚠ Asp. Tox. 1 - H304; ⚠ Flam. Liq. 3 - H226; ⚠ Acute Tox. 4 - H302; ⚠</p> <p>Aquatic Chronic 2 - H411</p>	<b>0,101-1,00</b>
<b>106-25-2</b>	<p><b>Nerol</b></p> <p>EC number: 203-378-7</p> <p>⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317</p>	<b>0,101-1,00</b>
<b>91-64-5</b>	<p><b>Coumarin</b></p> <p>EC number: 202-086-7</p> <p>⚠ Acute Tox. 4 - H302, Skin Sens. 1B - H317</p>	<b>0,101-1,00</b>
<b>89-83-8</b>	<p><b>thymol</b></p> <p>EC number: 201-944-8</p> <p>⚠ Skin Corr. 1B - H314, Eye Dam. 1 - H318; ⚠ Acute Tox. 4 - H302; ⚠</p> <p>Aquatic Chronic 2 - H411</p>	<b>0,101-1,00</b>
<b>4826-62-4</b>	<p><b>2-Dodecenal</b></p> <p>EC number: 225-402-5</p> <p>⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410</p>	<b>0,101-1,00</b>
<b>112-54-9</b>	<p><b>Lauric aldehyde</b></p> <p>EC number: 203-983-6</p> <p>⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317</p>	<b>0,101-1,00</b>
<b>124-13-0</b>	<p><b>octanal</b></p> <p>EC number: 204-683-8</p> <p>⚠ Flam. Liq. 3 - H226; ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319; ⚠ Aquatic Chronic 2 - H411</p>	<b>0,101-1,00</b>
<b>106-23-0</b>	<p><b>Citronellal</b></p> <p>EC number: 203-376-6</p> <p>⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317</p>	<b>0,101-1,00</b>

EU

*(continued on page 5)*

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

2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 4)*

**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**  
No further relevant information available.

**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.

EU

*(continued on page 6)*

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

2581500

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Printing date: 14/01/2020

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 5)*

**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.

**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 |
|--|-------------------------|---|------|-------|------|
| 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

EU

*(continued on page 7)*

2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

(continued of page 6)

**SECTION 09: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	liquid / may contain a deposit
<b>Colour:</b>	green-yellow to orange-yellow
<b>Odour:</b>	floral
<b>Odour threshold:</b>	Not determined.

**Change in condition**

<b>Initial boiling point and boiling range:</b>	0,0 °C
<b>Flash point:</b>	67,0 °C NFT 60-103 CC
<b>Flammability (solid, gas):</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative density :</b>	0,8650 0,890 D20/20
<b>Solubility in / Miscibility with water:</b>	Not determined.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>9.2 Other information</b>	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:  
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**

**78-70-6**

**Linalool**

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

**5989-27-5**

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

Oral, LD50: 4400 mg/kg (rat)

(continued on page 8)

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

2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 7)*

- 87-44-5 beta-Caryophyllene**  
Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**  
Oral, LD50: >5000 mg/kg (rat) (Opdyke 1978)  
Dermal, LD50: >1000 mg/kg (mouse) (NTP 1998)
- 470-82-6 Eucalyptol**  
Oral, LD50: 3849 mg/kg (mouse) (Jiao Xu, 2014)
- 98-55-5 p-menth-1-en-8-ol**  
Oral, LD50: 4300 mg/kg (rat)
- 105-87-3 Geranyl acetate**  
Oral, LD50: >4000 mg/kg (rat) (NTP 1987)
- 3391-86-4 1-Octen-3-ol**  
Oral, LD50: 340 mg/kg (rat)  
Dermal, LD50: 3300 mg/kg (Rabbit)
- 1139-30-6 Caryophyllene oxide**  
Oral, LD50: >5000 mg/kg (rat) (Moreno 1978)
- 79-92-5 camphene**  
Oral, LD50: 5000 mg/kg (rat)  
Dermal, LD50: 2500 mg/kg (Rabbit)
- 91-64-5 Coumarin**  
Oral, LD50: 293 mg/kg (rat)
- 89-83-8 thymol**  
Oral, LD50: 980 mg/kg (rat)
- 112-54-9 Lauric aldehyde**  
Oral, LD50: 23000 mg/kg (rat)
- 124-13-0 octanal**  
Oral, LD50: 5630 mg/kg (rat)  
Dermal, LD50: 6350 mg/kg (Rabbit)
- Primary irritant effect:
  - Skin corrosion/irritation  
Irritant to skin and mucous membranes.
  - Serious eye damage/irritation  
No irritating effect.
  - Respiratory or skin sensitisation
- 2442-10-6 1-Octen-3-yl acetate**  
Dermal, OECD 429 LLNA: SENSITIZER (mouse) (EC3 > 7500, IFRA STANDARD 2009)  
Sensitisation, NESIL: 3500 ug/cm2 (mouse) (IFRA 2009)  
Sensitization possible through skin contact.
- Subacute to chronic toxicity:
- 78-70-6 Linalool**  
Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)
- 115-95-7 Linalyl acetate**  
Oral, NOAEL: 250 mg/kg (rat) (90days, RIFM 1980)
- 87-44-5 beta-Caryophyllene**  
Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**  
Oral, NOAEL: >800 mg/kg (rat) (fetal toxicity GD 6 to 15, NTP 1992)
- 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
- 78-70-6 Linalool**  
OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)
- 115-95-7 Linalyl acetate**  
OECD 471 AMES: NEGATIVE (in vitro) (RIFM 1989)
- 87-44-5 beta-Caryophyllene**  
OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**

*(continued on page 9)*



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

2581500

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Printing date: 14/01/2020

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 8)*

- OECD 471 AMES: NEGATIVE (in vitro) (Anderson and Styles 1978)
- 470-82-6 Eucalyptol**  
OECD 471 AMES: NEGATIVE (in vitro) (Haworth, 1983)
- 105-87-3 Geranyl acetate**  
OECD 471 AMES: NEGATIVE (in vitro) (NTP 1987)
- 1139-30-6 Caryophyllene oxide**  
OECD 471 AMES: NEGATIVE (in vitro) (Richold and al, 1979)
- Carcinogenicity
- 78-70-6 Linalool**  
Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007)  
Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**  
Micronoyau: NEGATIVE (mouse) (NTP 1999)
- 105-87-3 Geranyl acetate**  
Micronoyau: NEGATIVE (mouse) (in vivo, Shelby 1993)
- 2442-10-6 1-Octen-3-yl acetate**  
Micronoyau: NEGATIVE (in vitro) (RIFM 2014)
- 91-64-5 Coumarin**  
Micronoyau: NEGATIVE (in vitro) (RIFM 2019)
- 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:
- 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)
- 115-95-7 Linalyl acetate**  
ErC50(0-72h): 9,6 mg/l (algae) (RIFM 2015)  
ErC50(0-48h): 15 mg/l (daphnia) (RIFM 2015)  
96h-LC50: 11 mg/l (fish) (RIFM 1998)
- 5989-27-5 (R)-p-mentha-1,8-diene**  
LD50: 0,71 mg/l (fish) (OECD 203)
- 76-22-2 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one**  
CE50/48h: 26,82 mg/l (daphnia)  
ErC50(0-72h): 23,8 mg/l (algae)
- 123-35-3 Myrcene**  
LD50: 0,51 mg/l (fish) (OECD 203)  
CE50/48h: 0,65 mg/l (daphnia)
- 99-87-6 p-cymene**  
LD50: 1,63 mg/l (fish) (OECD 203)
- 91-64-5 Coumarin**  
CE50/48h: 30 mg/l (daphnia) (RIFM 2019)
- 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

*(continued on page 10)*

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

2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 9)*

No further relevant information available.

- Ecotoxicological effects:  
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

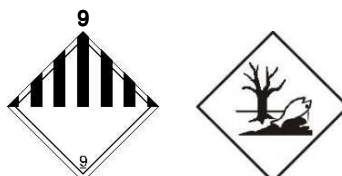
14.2 UN proper shipping name

**ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(DIPENTENE, 1- OCTEN-3-OL)  
**IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(DIPENTENE, 1- OCTEN-3-OL)  
**IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(DIPENTENE, 1- OCTEN-3-OL)

14.3 Transport hazard class(es)

**ADR**  
**Class** 9 (M6) Miscellaneous dangerous substances and articles.

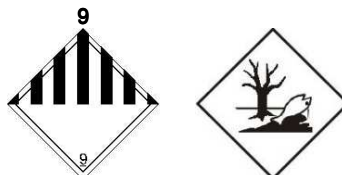
**Label**



**IMDG**

**Class** 9 Miscellaneous dangerous substances and articles.

**Label**



*(continued on page 11)*

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

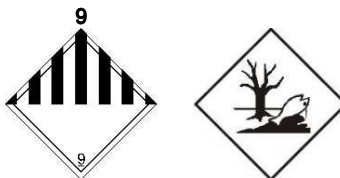
2581500

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

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 10)*

**IATA**  
**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

**IMDG**  
**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** E1

- UN "Model Regulation":  
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(DIPENTENE, 1- OCTEN-3-OL), 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.

*(continued on page 12)*

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

2581500

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Printing date: 14/01/2020

**PRODUCT : SWEET BLEND ORGANIC**

*(continued of page 11)*

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

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H371	May cause damage to organs.
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.