

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

#### 1.1. Product identifier

|                 |                        |
|-----------------|------------------------|
| Product form    | : Mixture              |
| Trade name      | : MISTLETOE FR91110    |
| Product code    | : FR91110              |
| Type of product | : Perfumes, fragrances |
| Product group   | : Trade product        |

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

##### 1.2.1. Relevant identified uses

|                                  |   |
|----------------------------------|---|
| Main use category                | : Professional use, Industrial use        |
| Industrial/Professional use spec | : Industrial<br>For professional use only |
| Use of the substance/mixture     | : Perfumes, fragrances                    |
| Function or use category         | : Odour agents                            |

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Hyggeland Company  
Russian Federation  
Krasnodar  
Stasova 184, 7  
Phone.: +7 (953) 073-39-63  
info@hyggeland.ru <https://hyggeland.ru/>

#### 1.4. Emergency telephone number

Emergency number : 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731;  
Brazil: +0-800-591-6042; India: +000-800-100-4086

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

|   |      |
|---|------|
| Acute toxicity (oral), Category 4                                 | H302 |
| Skin corrosion/irritation, Category 2                             | H315 |
| Serious eye damage/eye irritation, Category 2                     | H319 |
| Skin sensitisation, Category 1                                    | H317 |
| Germ cell mutagenicity, Category 2                                | H341 |
| Carcinogenicity, Category 1B                                      | H350 |
| Hazardous to the aquatic environment – Acute Hazard, Category 1   | H400 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |

Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May cause cancer. Suspected of causing genetic defects. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: benzyl benzoate; Cinnamic aldehyde; Eugenol; Grapefruit oil; Cinnamon leaf oil ; Ethyl maltol; benzaldehyde; L-Carvone; COUMARIN; Heliotropine; Damascone Beta; Nutmeg Oil

Hazard statements (CLP)

: H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H319 - Causes serious eye irritation.  
H341 - Suspected of causing genetic defects.  
H350 - May cause cancer.  
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.

Extra phrases

: For professional users only.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## 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]  |
|-------------------|--|-------------|--|
| benzyl benzoate   | CAS-No.: 120-51-4<br>EC-No.: 204-402-9<br>EC Index-No.: 607-085-00-9<br>REACH-no: 01-2119976371-33 | 34.7 – 69.3 | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411  |
| Cinnamic aldehyde | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45 | 3 – 6       | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412 |
| Eugenol           | CAS-No.: 97-53-0<br>EC-No.: 202-589-1<br>REACH-no: 01-2119971802-33                                | 3 – 6       | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317   |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Name  | Product identifier   | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|--|-----------|---|
| Grapefruit oil  | CAS-No.: 8016-20-4<br>EC-No.: 600-007-4  | 2 – 4     | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                       |
| Dimethylbenzyl carbinyl butyrate(DMBCB)   | CAS-No.: 10094-34-5<br>EC-No.: 233-221-8<br>REACH-no: 01-2120742578-44                             | 1.2 – 2.4 | Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412  |
| Cinnamon leaf oil   | CAS-No.: 8015-91-6<br>EC-No.: 283-479-0<br>REACH-no: 01-2119487278-23                              | 0.8 – 1.5 | Acute Tox. 3 (Dermal), H311<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>Carc. 1B, H350<br>Aquatic Chronic 3, H412 |
| Verdorex  | CAS-No.: 88-41-5<br>EC-No.: 201-828-7<br>REACH-no: 01-2119970713-33                                | 0.6 – 1.2 | Aquatic Chronic 2, H411   |
| Vanillin  | CAS-No.: 121-33-5<br>EC-No.: 204-465-2<br>REACH-no: 01-2119516040-60                               | 0.5 – 1   | Eye Irrit. 2, H319  |
| Ethyl maltol  | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5  | 0.5 – 1   | Acute Tox. 4 (Oral), H302   |
| benzaldehyde<br>substance with national workplace exposure limit(s)<br>(BG, FI, HU, LT, LV, PL) | CAS-No.: 100-52-7<br>EC-No.: 202-860-4<br>EC Index-No.: 605-012-00-5<br>REACH-no: 01-2119455540-44 | 0.5 – 1   | Acute Tox. 4 (Oral), H302   |
| L-Carvone   | CAS-No.: 6485-40-1<br>EC-No.: 229-352-5<br>EC Index-No.: 606-148-00-8                              | 0.2 – 0.4 | Skin Sens. 1B, H317   |
| COUMARIN  | CAS-No.: 91-64-5<br>EC-No.: 202-086-7<br>REACH-no: 01-2119943756-26                                | 0.2 – 0.4 | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1B, H317  |
| Heliotropine  | CAS-No.: 120-57-0<br>EC-No.: 204-409-7<br>REACH-no: 01-2119983608-21                               | 0.2 – 0.4 | Skin Sens. 1B, H317   |
| Ethyl benzoate<br>substance with national workplace exposure limit(s)<br>(RO)                   | CAS-No.: 93-89-0<br>EC-No.: 202-284-3  | 0.1 – 0.2 | Not classified  |
| Damascone Beta  | CAS-No.: 23726-92-3<br>EC-No.: 245-843-7   | 0.1 – 0.2 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Name       | Product identifier                      | %         | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|------------|---|-----------|--|
| Nutmeg Oil | CAS-No.: 8008-45-5<br>EC-No.: 282-013-3 | 0.1 – 0.2 | Flam. Liq. 3, H226<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>Carc. 1B, H350<br>Repr. 2, H361<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |

| Specific concentration limits: |  |                                     |
|--------------------------------|--|-------------------------------------|
| Name                           | Product identifier   | Specific concentration limits (%)   |
| Cinnamic aldehyde              | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45 | (0.01 ≤ C < 100) Skin Sens. 1, H317 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.   |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Obtain emergency medical attention. Rinse mouth. Call a poison center or a doctor if you feel unwell.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction.   |
| Symptoms/effects after eye contact  | : Eye irritation.  |

### 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   | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

### 5.2. Special hazards arising from the substance or mixture

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. 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 : Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapours/spray.

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. 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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.  
Storage temperature : 25 °C  
Storage area : Store in a well-ventilated place. Store away from heat.  
Special rules on packaging : Store in a closed container.  
Packaging materials : Do not store in corrodable metal.

### Germany

Storage class (LGK, TRGS 510) : LGK 6.1D - Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects

Joint storage table :

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for : LGK 1, LGK 2A, LGK 4.1A, LGK 5.1A, LGK 5.1C, LGK 5.2, LGK 6.2, LGK 7  
Joint storage with restrictions permitted for : LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1B  
Joint storage permitted for : LGK 2B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

### Switzerland

Storage class (LK) : LK 6.1 - Toxic materials

## 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| benzaldehyde (100-52-7)                         |                        |
|---|------------------------|
| <b>Bulgaria - Occupational Exposure Limits</b>  |                        |
| OEL TWA   | 5 mg/m <sup>3</sup>    |
| <b>Finland - Occupational Exposure Limits</b>   |                        |
| HTP (OEL TWA)                                   | 4.4 mg/m <sup>3</sup>  |
|   | 1 ppm                  |
| HTP (OEL C)                                     | 17.4 mg/m <sup>3</sup> |
|   | 4 ppm                  |
| <b>Hungary - Occupational Exposure Limits</b>   |                        |
| AK (OEL TWA)                                    | 5 mg/m <sup>3</sup>    |
| CK (OEL STEL)                                   | 10 mg/m <sup>3</sup>   |
| <b>Latvia - Occupational Exposure Limits</b>    |                        |
| OEL TWA   | 5 mg/m <sup>3</sup>    |
| <b>Lithuania - Occupational Exposure Limits</b> |                        |
| IPRV (OEL TWA)                                  | 5 mg/m <sup>3</sup>    |
| <b>Poland - Occupational Exposure Limits</b>    |                        |
| NDS (OEL TWA)                                   | 10 mg/m <sup>3</sup>   |
| NDSch (OEL STEL)                                | 40 mg/m <sup>3</sup>   |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Ethyl benzoate (93-89-0)               |                       |
|--|-----------------------|
| Romania - Occupational Exposure Limits |                       |
| OEL TWA                                | 200 mg/m <sup>3</sup> |
|  | 33 ppm                |
| OEL STEL                               | 300 mg/m <sup>3</sup> |
|  | 49 ppm                |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask. [In case of inadequate ventilation] wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Liquid                               |
| Colour  | : Conforms to standard.                |
| Odour   | : characteristic.                      |
| Odour threshold                                 | : Not available                        |
| Melting point                                   | : Not applicable                       |
| Freezing point                                  | : Not available                        |
| Boiling point                                   | : Not available                        |
| Flammability                                    | : Not applicable                       |
| Lower explosion limit                           | : Not available                        |
| Upper explosion limit                           | : Not available                        |
| Flash point                                     | : > 93.3 °C                            |
| Auto-ignition temperature                       | : Not available                        |
| Decomposition temperature                       | : Not available                        |
| pH  | : Not available                        |
| Viscosity, kinematic                            | : Not available                        |
| Solubility                                      | : Not available                        |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                        |
| Vapour pressure                                 | : 0.003581923 mm Hg (calculated value) |
| Vapour pressure at 50°C                         | : Not available                        |
| Density   | : Not available                        |
| Relative density                                | : Not available                        |
| Relative vapour density at 20°C                 | : Not available                        |
| Particle characteristics                        | : Not applicable                       |

#### 9.2. Other information

##### 9.2.1. Information with regard to physical hazard classes

No additional information available

##### 9.2.2. Other safety characteristics

VOC content : 7.4 % (calculated value)(CARB VOC) (%w/w)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.



# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                         |
|-----------------------------|-------------------------|
| Acute toxicity (oral)       | : Harmful if swallowed. |
| Acute toxicity (dermal)     | : Not classified        |
| Acute toxicity (inhalation) | : Not classified        |

| MISTLETOE FR91110                                    |                                  |
|--|----------------------------------|
| ATE CLP (oral)                                       | 697.582 mg/kg bodyweight         |
| benzyl benzoate (120-51-4)                           |                                  |
| LD50 oral rat  | > 2000 mg/kg (Source: ECHA_API)  |
| LD50 oral  | 1160 mg/kg bodyweight            |
| LD50 dermal rabbit                                   | 4000 mg/kg (Source: NLM_CIP)     |
| Cinnamic aldehyde (104-55-2)                         |                                  |
| LD50 oral rat  | 2220 mg/kg (Source: NLM_CIP)     |
| LD50 oral  | 2220 mg/kg                       |
| LD50 dermal rabbit                                   | 1260 mg/kg (Source: EPA_HP)      |
| Eugenol (97-53-0)                                    |                                  |
| LD50 oral rat  | 1930 mg/kg (Source: NZ_CCID)     |
| LD50 oral  | 2500 mg/kg bodyweight            |
| LC50 Inhalation - Rat                                | > 2.58 mg/l/4h                   |
| Grapefruit oil (8016-20-4)                           |                                  |
| LD50 oral rat  | > 5 g/kg (Source: ECHA)          |
| Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5) |                                  |
| LD50 oral rat  | > 5 g/kg (Source: NLM_CIP)       |
| Cinnamon leaf oil (8015-91-6)                        |                                  |
| LD50 oral rat  | 2650 mg/kg (Source: NZ_CCID)     |
| LD50 oral  | 2650 mg/kg                       |
| LD50 dermal rabbit                                   | 702 mg/kg (Source: ECHA_API)     |
| Verdox (88-41-5)                                     |                                  |
| LD50 oral rat  | 4600 mg/kg (Source: NLM_CIP)     |
| LD50 oral  | 4600 mg/kg                       |
| Vanillin (121-33-5)                                  |                                  |
| LD50 dermal rabbit                                   | > 5010 mg/kg (Source: OECD_SIDS) |
| LD50 dermal  | 2600 mg/kg bodyweight            |
| Ethyl maltol (4940-11-8)                             |                                  |
| LD50 oral rat  | 1150 mg/kg (Source: NLM_CIP)     |
| LD50 oral  | 1200 mg/kg bodyweight            |
| LD50 dermal rabbit                                   | > 5000 mg/kg (Source: ECHA_API)  |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| <b>benzaldehyde (100-52-7)</b>     |   |
|------------------------------------|---|
| LD50 oral rat                      | 1292 mg/kg (Source: JAPAN_GHS)          |
| LD50 dermal rabbit                 | > 1250 mg/kg (Source: JAPAN_GHS)        |
| LC50 Inhalation - Rat              | < 5 mg/l/4h                             |
| <b>L-Carvone (6485-40-1)</b>       |   |
| LD50 oral rat                      | 5400 mg/kg (Source: KR_NIER)            |
| LD50 oral                          | 2500 mg/kg bodyweight                   |
| LD50 dermal rat                    | > 2000 mg/kg (Source: ECHA_API)         |
| LD50 dermal                        | 3800 mg/kg bodyweight                   |
| <b>COUMARIN (91-64-5)</b>          |   |
| LD50 oral rat                      | > 5000 mg/kg (Source: JAPAN_GHS)        |
| LD50 dermal rat                    | 293 mg/kg (Source: ECHA_API)            |
| <b>Heliotropine (120-57-0)</b>     |   |
| LD50 oral rat                      | 2700 mg/kg (Source: NLM_CIP)            |
| LD50 oral                          | 2700 mg/kg bodyweight                   |
| LD50 dermal rat                    | > 5000 mg/kg (Source: ECHA_API)         |
| <b>Ethyl benzoate (93-89-0)</b>    |   |
| LD50 oral rat                      | 2100 mg/kg (Source: NLM_CIP)            |
| <b>Damascone Beta (23726-92-3)</b> |   |
| LD50 oral                          | 2920 mg/kg bodyweight                   |
| <b>Nutmeg Oil (8008-45-5)</b>      |   |
| LD50 oral rat                      | 2620 mg/kg (Source: NLM_CIP)            |
| LD50 dermal rabbit                 | > 10 g/kg (Source: NLM_HSDB)            |
| Skin corrosion/irritation          | : Causes skin irritation.               |
| Serious eye damage/irritation      | : Causes serious eye irritation.        |
| Respiratory or skin sensitisation  | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity             | : Suspected of causing genetic defects. |
| Carcinogenicity                    | : May cause cancer.                     |
| <b>Eugenol (97-53-0)</b>           |   |
| IARC group                         | 3 - Not classifiable                    |
| <b>COUMARIN (91-64-5)</b>          |   |
| IARC group                         | 3 - Not classifiable                    |
| Reproductive toxicity              | : Not classified                        |
| STOT-single exposure               | : Not classified                        |
| STOT-repeated exposure             | : Not classified                        |
| Aspiration hazard                  | : Not classified                        |
| <b>benzyl benzoate (120-51-4)</b>  |   |
| Viscosity, kinematic               | 7.456 mm <sup>2</sup> /s                |
| <b>Heliotropine (120-57-0)</b>     |   |
| Viscosity, kinematic               | Not applicable                          |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

#### benzyl benzoate (120-51-4)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
| NOEC (chronic)  | 0.168 mg/l  |

#### Eugenol (97-53-0)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
|-----------------|---|

#### Vanillin (121-33-5)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
| LC50 - Fish [2] | 88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)              |
| NOEC (acute)    | 10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])              |

#### Ethyl maltol (4940-11-8)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA) |
|-----------------|---|

#### benzaldehyde (100-52-7)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 10.6 – 11.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA) |
| LC50 - Fish [2] | 12.69 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)          |

#### L-Carvone (6485-40-1)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 6.1 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
|-----------------|--|

#### Heliotropine (120-57-0)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 2.5 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static] Source: ECHA) |
|-----------------|---|

#### Ethyl benzoate (93-89-0)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 6.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA) |
|-----------------|--|

### 12.2. Persistence and degradability

#### MISTLETOE FR91110

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|   |   |
|---|---|
| <b>benzyl benzoate (120-51-4)</b>                           |   |
| Persistence and degradability                               | May cause long-term adverse effects in the environment. |
| <b>Cinnamic aldehyde (104-55-2)</b>                         |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Eugenol (97-53-0)</b>                                    |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Grapefruit oil (8016-20-4)</b>                           |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5)</b> |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Cinnamon leaf oil (8015-91-6)</b>                        |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Verdox (88-41-5)</b>                                     |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Vanillin (121-33-5)</b>                                  |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Ethyl maltol (4940-11-8)</b>                             |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>benzaldehyde (100-52-7)</b>                              |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>L-Carvone (6485-40-1)</b>                                |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>COUMARIN (91-64-5)</b>                                   |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Heliotropine (120-57-0)</b>                              |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Ethyl benzoate (93-89-0)</b>                             |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Damascone Beta (23726-92-3)</b>                          |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>Nutmeg Oil (8008-45-5)</b>                               |   |
| Persistence and degradability                               | Rapidly degradable                                      |
| <b>12.3. Bioaccumulative potential</b>                      |   |
| <b>MISTLETOE FR91110</b>                                    |   |
| Bioaccumulative potential                                   | Not established.  |

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| <b>benzyl benzoate (120-51-4)</b>                           |                                  |
|---|----------------------------------|
| Partition coefficient n-octanol/water (Log Pow)             | 3.97 (at 25 °C)                  |
| Bioaccumulative potential                                   | Not established.                 |
| <b>Cinnamic aldehyde (104-55-2)</b>                         |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 2.1065 (at 25 °C)                |
| <b>Eugenol (97-53-0)</b>                                    |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 1.83 (at 30 °C (at pH 5.5))      |
| <b>Dimethylbenzyl carbonyl butyrate(DMBCB) (10094-34-5)</b> |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 4.7 (at 25 °C)                   |
| <b>Vanillin (121-33-5)</b>                                  |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 1.23 (at 22 °C)                  |
| <b>Ethyl maltol (4940-11-8)</b>                             |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 2.9 (at 25 °C)                   |
| <b>benzaldehyde (100-52-7)</b>                              |                                  |
| BCF - Fish [1]  | (no significant bioaccumulation) |
| Partition coefficient n-octanol/water (Log Pow)             | 1.4 (at 25 °C)                   |
| <b>L-Carvone (6485-40-1)</b>                                |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 2.74 (at 37 °C (at pH 7.2))      |
| <b>Heliotropine (120-57-0)</b>                              |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 1.2 (at 35 °C)                   |
| <b>Ethyl benzoate (93-89-0)</b>                             |                                  |
| Partition coefficient n-octanol/water (Log Pow)             | 2.59 (at 22.8 °C (at pH 6-7))    |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecological information : Avoid release to the environment.

# MISTLETOE FR91110



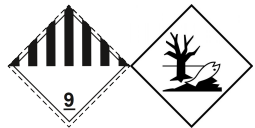
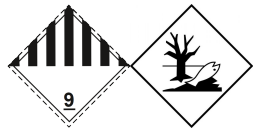
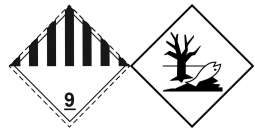
## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

HP Code : HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.  
HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence  
HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.  
HP11 - "Mutagenic:" waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell.  
HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### SECTION 14: Transport information

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

| ADR  | IMDG  | IATA  | ADN   | RID   |
|--|---|---|---|---|
| <b>14.1. UN number or ID number</b>  |   |   |   |   |
| UN 3082  | UN 3082   | UN 3082   | UN 3082   | UN 3082   |
| <b>14.2. UN proper shipping name</b>   |   |   |   |   |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)                      | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)                                   | Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)                 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate)                 |
| <b>Transport document description</b>  |   |   |   |   |
| UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III, MARINE POLLUTANT | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 9  | 9   | 9   | 9   | 9   |
|         |                      |    |   |  |
| <b>14.4. Packing group</b>   |   |   |   |   |
| III  | III   | III   | III   | III   |
| <b>14.5. Environmental hazards</b>   |   |   |   |   |
| Dangerous for the environment: Yes   | Dangerous for the environment: Yes<br>Marine pollutant: Yes   | Dangerous for the environment: Yes  | Dangerous for the environment: Yes  | Dangerous for the environment: Yes  |
| No supplementary information available   |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : M6  
Special provisions (ADR) : 274, 335, 375, 601  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBV  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -  
EAC code : •3Z

### Transport by sea

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

### Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197, A215  
ERG code (IATA) : 9L

### Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

|   |              |
|---|--------------|
| Transport category (RID)  | : 3          |
| Special provisions for carriage – Packages (RID)                        | : W12        |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW13, CW31 |
| Colis express (express parcels) (RID)                                   | : CE8        |
| Hazard identification number (RID)                                      | : 90         |

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) |   |  |
|--|---|--|
| Reference code                         | Applicable on   | Entry title or description   |
| 3(a)                                   | Grapefruit oil ; Nutmeg Oil   | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F   |
| 3(b)                                   | MISTLETOE FR91110 ;<br>benzyl benzoate ;<br>Cinnamic aldehyde ;<br>Eugenol ; Grapefruit oil ;<br>Dimethylbenzyl carbonyl butyrate(DMBCB) ;<br>Cinnamon leaf oil ;<br>benzaldehyde ; L-Carvone ; Damascone Beta ; Nutmeg Oil | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10  |
| 3(c)                                   | MISTLETOE FR91110 ;<br>benzyl benzoate ;<br>Cinnamic aldehyde ;<br>Grapefruit oil ;<br>Dimethylbenzyl carbonyl butyrate(DMBCB) ;<br>Cinnamon leaf oil ;<br>Verdox ; Damascone Beta ; Nutmeg Oil                             | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1  |
| 40.                                    | Grapefruit oil ; Nutmeg Oil   | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)



# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### Council Regulation (EC) for the control of dual-use items

Contains substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### VOC Directive (2004/42)

VOC content : 7.4 % (calculated value)(CARB VOC) (%w/w)

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

| Name      | CN designation | CAS-No.  | CN code    | Category, Subcategory | Threshold | Annex   |
|-----------|----------------|----------|------------|-----------------------|-----------|---------|
| Piperonal |                | 120-57-0 | 2932 93 00 | Category 1            |           | Annex I |

## 15.1.2. National regulations

### France

| Occupational diseases |   |
|-----------------------|---|
| Code                  | Description   |
| RG 84                 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

### Germany

- Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).
- List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.
- Chemicals Prohibition Ordinance (ChemVerbotsV) : This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10).
- Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

- ABM category : A(1) - highly toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment
- SZW-lijst van kankerverwekkende stoffen : Cinnamon leaf oil is listed
- SZW-lijst van mutagene stoffen : Cinnamon leaf oil is listed
- SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

- Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed
- Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### Switzerland

- Chemicals Ordinance (ChemO, SR 813.11) : Group 1

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Other information : None.

#### Full text of H- and EUH-statements:

|                       |   |
|-----------------------|---|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Oral)   | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1       | Hazardous to the aquatic environment – Acute 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 |
| Asp. Tox. 1           | Aspiration hazard, Category 1                                     |
| Carc. 1B              | Carcinogenicity, Category 1B                                      |
| Eye Irrit. 2          | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3          | Flammable liquids, Category 3                                     |
| H226                  | Flammable liquid and vapour.                                      |
| H302                  | Harmful if swallowed.   |
| H304                  | May be fatal if swallowed and enters airways.                     |
| H311                  | Toxic in contact with skin.                                       |
| H312                  | Harmful in contact with skin.                                     |
| H315                  | Causes skin irritation.   |
| H317                  | May cause an allergic skin reaction.                              |
| H319                  | Causes serious eye irritation.                                    |
| H341                  | Suspected of causing genetic defects.                             |
| H350                  | May cause cancer.   |
| H361                  | Suspected of damaging fertility or the unborn child.              |
| H400                  | Very toxic to aquatic life.                                       |
| H411                  | Toxic to aquatic life with long lasting effects.                  |
| H412                  | Harmful to aquatic life with long lasting effects.                |
| Muta. 2               | Germ cell mutagenicity, Category 2                                |
| Repr. 2               | Reproductive toxicity, Category 2                                 |
| Skin Irrit. 2         | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1          | Skin sensitisation, Category 1                                    |
| Skin Sens. 1A         | Skin sensitisation, category 1A                                   |
| Skin Sens. 1B         | Skin sensitisation, category 1B                                   |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

# MISTLETOE FR91110

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

---