

## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** ANIS & EUCALYPTUS NATURAL SCENTING  
**Other means of identification:**  
**UFI:** NAS0-608F-000K-1Q5H
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Air freshener  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
MB ELIX sp. z oo sp.k.  
ul. Skarżyńskiego 26  
54-530 Wrocław - Poland  
Phone: 0048 71 387 85 33 - Fax: 0048 71 722 29 68  
lab@elix.pl  
www.elixscent.com
- 1.4 Emergency telephone number:** 0048 71 387 85 33 (8.00-16.00)

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
Labelling of packages where the contents do not exceed 125 ml:  
**Warning**  
  
**Hazard statements:**  
H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.  
**Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
P501: Dispose of contents/container according to the separated collection system used in your municipality.  
**Supplementary information:**  
Contains anise oil, eucalyptus oil.  
**UFI:** NAS0-608F-000K-1Q5H
- 2.3 Other hazards:**  
Product does not meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product does not meet the criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

**Chemical description:** Mixture composed of chemical products

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification                                                                            | Chemical name/Classification                                                                      |                                                                                                                                                            | Concentration  |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| CAS: 56539-66-3<br>EC: 260-252-4<br>Index: Non-applicable<br>REACH: 01-2119976333-33-XXXX | <b>3-methoxy-3-methylbutan-1-ol<sup>(1)</sup></b>                                                 | Self-classified<br>Regulation 1272/2008 Eye Irrit. 2: H319 - Warning                                                                                       | 45 - <50 %     |
| CAS: 100-79-8<br>EC: 202-888-7<br>Index: Non-applicable<br>REACH: 01-2120066005-66-XXXX   | <b>2,2-dimethyl-1,3-dioxolan-4-ylmethanol<sup>(1)</sup></b>                                       | Self-classified<br>Regulation 1272/2008 Eye Irrit. 2: H319 - Warning                                                                                       | 45 - <50 %     |
| CAS: 8000-48-4<br>EC: 616-775-9<br>Index: Non-applicable<br>REACH: 01-2119978250-37       | <b>Eucalyptus oil<sup>(1)</sup></b>                                                               | Self-classified<br>Regulation 1272/2008 Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger   | 1 - <2 %       |
| CAS: 8007-70-3<br>EC: 616-914-3<br>Index: Non-applicable<br>REACH: 01-2120230257          | <b>Anise oil<sup>(1)</sup></b>                                                                    | Self-classified<br>Regulation 1272/2008 Aquatic Chronic 3: H412; Carc. 2: H351; Muta. 2: H341; Skin Sens. 1B: H317 - Warning                               | 0,75 - <1 %    |
| CAS: 68424-85-1<br>EC: 939-253-5<br>Index: Non-applicable<br>REACH: 01-2119965180-41-XXXX | <b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (M=10)<sup>(1)</sup></b> | Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1B: H314 - Danger | 0,1 - <0,25 %  |
| CAS: 107-21-1<br>EC: 203-473-3<br>Index: 603-027-00-1<br>REACH: 01-2119456816-28-XXXX     | <b>Ethenediol<sup>(2)</sup></b>                                                                   | Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H302; STOT RE 2: H373 - Warning                                                                      | 0,01 - <0,05 % |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification                                                               | M-factor |    |
|------------------------------------------------------------------------------|----------|----|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (M=10) | Acute    | 10 |
| CAS: 68424-85-1 EC: 939-253-5                                                | Chronic  | 1  |

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

**By skin contact:**

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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### SECTION 4: FIRST AID MEASURES (continued)

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

Acute and delayed effects are indicated in sections 2 and 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media:

##### Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

##### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

#### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

##### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

##### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

##### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

#### 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

#### 6.4 Reference to other sections:

See sections 8 and 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

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### SECTION 7: HANDLING AND STORAGE (continued)

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

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

#### A.- Technical measures for storage

|                |           |
|----------------|-----------|
| Minimum Temp.: | 5 °C      |
| Maximum Temp.: | 35 °C     |
| Maximum time:  | 36 Months |

#### B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification                           |  | Occupational exposure limits |        |                       |
|------------------------------------------|--|------------------------------|--------|-----------------------|
| Ethanedil<br>CAS: 107-21-1 EC: 203-473-3 |  | IOELV (8h)                   | 20 ppm | 52 mg/m <sup>3</sup>  |
|                                          |  | IOELV (STEL)                 | 40 ppm | 104 mg/m <sup>3</sup> |

#### DNEL (Workers):

| Identification                                                   |            | Short exposure |                | Long exposure          |                      |
|------------------------------------------------------------------|------------|----------------|----------------|------------------------|----------------------|
|                                                                  |            | Systemic       | Local          | Systemic               | Local                |
| 3-methoxy-3-methylbutan-1-ol<br>CAS: 56539-66-3<br>EC: 260-252-4 | Oral       | Non-applicable | Non-applicable | Non-applicable         | Non-applicable       |
|                                                                  | Dermal     | Non-applicable | Non-applicable | 6,25 mg/kg             | Non-applicable       |
|                                                                  | Inhalation | Non-applicable | Non-applicable | 18 mg/m <sup>3</sup>   | Non-applicable       |
| Eucalyptus oil<br>CAS: 8000-48-4<br>EC: 616-775-9                | Oral       | Non-applicable | Non-applicable | Non-applicable         | Non-applicable       |
|                                                                  | Dermal     | Non-applicable | Non-applicable | 1 mg/kg                | Non-applicable       |
|                                                                  | Inhalation | Non-applicable | Non-applicable | 3,52 mg/m <sup>3</sup> | Non-applicable       |
| Ethanedil<br>CAS: 107-21-1<br>EC: 203-473-3                      | Oral       | Non-applicable | Non-applicable | Non-applicable         | Non-applicable       |
|                                                                  | Dermal     | Non-applicable | Non-applicable | 106 mg/kg              | Non-applicable       |
|                                                                  | Inhalation | Non-applicable | Non-applicable | Non-applicable         | 35 mg/m <sup>3</sup> |

#### DNEL (General population):

| Identification                                                   |            | Short exposure |                | Long exposure         |                |
|------------------------------------------------------------------|------------|----------------|----------------|-----------------------|----------------|
|                                                                  |            | Systemic       | Local          | Systemic              | Local          |
| 3-methoxy-3-methylbutan-1-ol<br>CAS: 56539-66-3<br>EC: 260-252-4 | Oral       | Non-applicable | Non-applicable | 2,5 mg/kg             | Non-applicable |
|                                                                  | Dermal     | Non-applicable | Non-applicable | 3,1 mg/kg             | Non-applicable |
|                                                                  | Inhalation | Non-applicable | Non-applicable | 4,4 mg/m <sup>3</sup> | Non-applicable |

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification                                    |            | Short exposure |                | Long exposure          |                     |
|---------------------------------------------------|------------|----------------|----------------|------------------------|---------------------|
|                                                   |            | Systemic       | Local          | Systemic               | Local               |
| Eucalyptus oil<br>CAS: 8000-48-4<br>EC: 616-775-9 | Oral       | Non-applicable | Non-applicable | 0,5 mg/kg              | Non-applicable      |
|                                                   | Dermal     | Non-applicable | Non-applicable | 0,5 mg/kg              | Non-applicable      |
|                                                   | Inhalation | Non-applicable | Non-applicable | 0,87 mg/m <sup>3</sup> | Non-applicable      |
| Ethenediol<br>CAS: 107-21-1<br>EC: 203-473-3      | Oral       | Non-applicable | Non-applicable | Non-applicable         | Non-applicable      |
|                                                   | Dermal     | Non-applicable | Non-applicable | 53 mg/kg               | Non-applicable      |
|                                                   | Inhalation | Non-applicable | Non-applicable | Non-applicable         | 7 mg/m <sup>3</sup> |

#### PNEC:

| Identification                                                           |              |                |                         |               |
|--------------------------------------------------------------------------|--------------|----------------|-------------------------|---------------|
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol<br>CAS: 100-79-8<br>EC: 202-888-7 | STP          | 10 mg/L        | Fresh water             | 0,2 mg/L      |
|                                                                          | Soil         | 2,5 mg/kg      | Marine water            | 0,2 mg/L      |
|                                                                          | Intermittent | 0,09 mg/L      | Sediment (Fresh water)  | 1,18316 mg/kg |
|                                                                          | Oral         | Non-applicable | Sediment (Marine water) | 0,1183 mg/kg  |
| Eucalyptus oil<br>CAS: 8000-48-4<br>EC: 616-775-9                        | STP          | 10 mg/L        | Fresh water             | 0,00204 mg/L  |
|                                                                          | Soil         | 0,134 mg/kg    | Marine water            | 0,000204 mg/L |
|                                                                          | Intermittent | 0,0102 mg/L    | Sediment (Fresh water)  | 0,665 mg/kg   |
|                                                                          | Oral         | 0,02 g/kg      | Sediment (Marine water) | 0,066 mg/kg   |
| Ethenediol<br>CAS: 107-21-1<br>EC: 203-473-3                             | STP          | 199,5 mg/L     | Fresh water             | 10 mg/L       |
|                                                                          | Soil         | 1,53 mg/kg     | Marine water            | 1 mg/L        |
|                                                                          | Intermittent | 10 mg/L        | Sediment (Fresh water)  | 37 mg/kg      |
|                                                                          | Oral         | Non-applicable | Sediment (Marine water) | 3,7 mg/kg     |

#### 8.2 Exposure controls:

##### A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

##### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

##### C.- Specific protection for the hands

| Pictogram                                                                                                        | PPE                                                                                | Labelling                                                                           | CEN Standard      | Remarks                                          |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|--------------------------------------------------|
| <br>Mandatory hand protection | Chemical protective gloves<br>(Material: Nitrile,<br>Breakthrough time: > 480 min) |  | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

##### D.- Eye and face protection

| Pictogram                                                                                                        | PPE                                           | Labelling                                                                           | CEN Standard                    | Remarks                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

##### E.- Body protection

| Pictogram                                                                           | PPE           | Labelling                                                                           | CEN Standard | Remarks                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Work clothing |  |              | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Pictogram | PPE                  | Labelling                                                                         | CEN Standard      | Remarks                                                                                                                                                                                                                           |
|-----------|----------------------|-----------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Anti-slip work shoes |  | EN ISO 20347:2012 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007 |

#### F.- Additional emergency measures

| Emergency measure                                                                                     | Standards                                       | Emergency measure                                                                                      | Standards                                      |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

#### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

For complete information see the product datasheet.

##### Appearance:

|                          |                  |
|--------------------------|------------------|
| Physical state at 20 °C: | Liquid           |
| Appearance:              | Fluid            |
| Colour:                  | Light yellow     |
| Odour:                   | Pleasant         |
| Odour threshold:         | Non-applicable * |

##### Volatility:

|                                        |                     |
|----------------------------------------|---------------------|
| Boiling point at atmospheric pressure: | 182 °C              |
| Vapour pressure at 20 °C:              | 60 Pa               |
| Vapour pressure at 50 °C:              | 452,3 Pa (0,45 kPa) |
| Evaporation rate at 20 °C:             | Non-applicable *    |

##### Product description:

|                                              |                         |
|----------------------------------------------|-------------------------|
| Density at 20 °C:                            | 994,1 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | 0,994                   |
| Dynamic viscosity at 20 °C:                  | Non-applicable *        |
| Kinematic viscosity at 20 °C:                | Non-applicable *        |
| Kinematic viscosity at 40 °C:                | Non-applicable *        |
| Concentration:                               | Non-applicable *        |
| pH:                                          | Non-applicable *        |
| Vapour density at 20 °C:                     | Non-applicable *        |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *        |
| Solubility in water at 20 °C:                | Non-applicable *        |
| Solubility properties:                       | Non-applicable *        |
| Decomposition temperature:                   | Non-applicable *        |
| Melting point/freezing point:                | Non-applicable *        |

##### Flammability:

|              |       |
|--------------|-------|
| Flash Point: | 90 °C |
|--------------|-------|

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                            |                  |
|----------------------------|------------------|
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature:  | 400 °C           |
| Lower flammability limit:  | Non-applicable * |
| Upper flammability limit:  | Non-applicable * |

#### Particle characteristics:

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

#### 9.2 Other information:

##### Information with regard to physical hazard classes:

|                                                              |                  |
|--------------------------------------------------------------|------------------|
| Explosive properties:                                        | Non-applicable * |
| Oxidising properties:                                        | Non-applicable * |
| Corrosive to metals:                                         | Non-applicable * |
| Heat of combustion:                                          | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |

##### Other safety characteristics:

|                           |                  |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index:         | Non-applicable * |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

#### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

#### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

#### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

#### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

#### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health.

##### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

#### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.  
IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with mutagenic effects. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

#### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

#### H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

#### Other information:

Non-applicable

#### Specific toxicology information on the substances:

| Identification                                                                                                   | Acute toxicity  |                | Genus  |
|------------------------------------------------------------------------------------------------------------------|-----------------|----------------|--------|
| Eucalyptus oil<br>CAS: 8000-48-4<br>EC: 616-775-9                                                                | LD50 oral       | 3320 mg/kg     | Rat    |
|                                                                                                                  | LD50 dermal     | >5000 mg/kg    | Rabbit |
|                                                                                                                  | LC50 inhalation | Non-applicable |        |
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol<br>CAS: 100-79-8<br>EC: 202-888-7                                         | LD50 oral       | 7000 mg/kg     | Rat    |
|                                                                                                                  | LD50 dermal     | Non-applicable |        |
|                                                                                                                  | LC50 inhalation | Non-applicable |        |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (M=10)<br>CAS: 68424-85-1<br>EC: 939-253-5 | LD50 oral       | 500 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | Non-applicable |        |
|                                                                                                                  | LC50 inhalation | Non-applicable |        |
| Ethandiol<br>CAS: 107-21-1<br>EC: 203-473-3                                                                      | LD50 oral       | Non-applicable |        |
|                                                                                                                  | LD50 dermal     | >3500 mg/kg    | Rabbit |
|                                                                                                                  | LC50 inhalation | Non-applicable |        |

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 11: TOXICOLOGICAL INFORMATION (continued)

#### 11.2 Information on other hazards:

##### Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

##### Other information

Non-applicable

### SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

#### 12.1 Toxicity:

##### Acute toxicity:

| Identification                                                                                                   | Concentration | Species               | Genus                     |
|------------------------------------------------------------------------------------------------------------------|---------------|-----------------------|---------------------------|
| Eucalyptus oil<br>CAS: 8000-48-4<br>EC: 616-775-9                                                                | LC50          | 18 mg/L (96 h)        | N/A                       |
|                                                                                                                  | EC50          | 1,02 mg/L (48 h)      | N/A                       |
|                                                                                                                  | EC50          | 1,64 mg/L (72 h)      | N/A                       |
| Anise oil<br>CAS: 8007-70-3<br>EC: 616-914-3                                                                     | LC50          | >10 - 100 mg/L (96 h) | Fish                      |
|                                                                                                                  | EC50          | >10 - 100 mg/L (48 h) | Crustacean                |
|                                                                                                                  | EC50          | >10 - 100 mg/L (72 h) | Algae                     |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (M=10)<br>CAS: 68424-85-1<br>EC: 939-253-5 | LC50          | Non-applicable        |                           |
|                                                                                                                  | EC50          | 0,0058 mg/L (48 h)    | Daphnia magna             |
|                                                                                                                  | EC50          | Non-applicable        |                           |
| Ethandiol<br>CAS: 107-21-1<br>EC: 203-473-3                                                                      | LC50          | 53000 mg/L (96 h)     | Pimephales promelas       |
|                                                                                                                  | EC50          | 51000 mg/L (48 h)     | Daphnia magna             |
|                                                                                                                  | EC50          | 24000 mg/L (168 h)    | Selenastrum capricornutum |

##### Chronic toxicity:

| Identification                                                        | Concentration | Species        | Genus         |
|-----------------------------------------------------------------------|---------------|----------------|---------------|
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol<br>CAS: 100-79-8 EC: 202-888-7 | NOEC          | Non-applicable |               |
|                                                                       | NOEC          | 10 mg/L        | Daphnia magna |

#### 12.2 Persistence and degradability:

##### Substance-specific information:

| Identification                              | Degradability   | Biodegradability |
|---------------------------------------------|-----------------|------------------|
| Ethandiol<br>CAS: 107-21-1<br>EC: 203-473-3 | BOD5            | 0,47 g O2/g      |
|                                             | COD             | 1,29 g O2/g      |
|                                             | BOD5/COD        | 0,36             |
|                                             | Concentration   | 100 mg/L         |
|                                             | Period          | 14 days          |
|                                             | % Biodegradable | 90 %             |

#### 12.3 Bioaccumulative potential:

##### Substance-specific information:

| Identification                                                           | Bioaccumulation potential |
|--------------------------------------------------------------------------|---------------------------|
| 2,2-dimethyl-1,3-dioxolan-4-ylmethanol<br>CAS: 100-79-8<br>EC: 202-888-7 | BCF                       |
|                                                                          | Pow Log                   |
|                                                                          | Potential                 |
| Ethandiol<br>CAS: 107-21-1<br>EC: 203-473-3                              | BCF                       |
|                                                                          | Pow Log                   |
|                                                                          | Potential                 |

#### 12.4 Mobility in soil:

| Identification | Absorption/desorption |                      | Volatility |                    |
|----------------|-----------------------|----------------------|------------|--------------------|
| Ethandiol      | Koc                   | 0                    | Henry      | 1,327E-1 Pa·m³/mol |
| CAS: 107-21-1  | Conclusion            | Very High            | Dry soil   | No                 |
| EC: 203-473-3  | Surface tension       | 4,989E-2 N/m (25 °C) | Moist soil | No                 |

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 12: ECOLOGICAL INFORMATION (continued)

#### 12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

#### 12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

#### 12.7 Other adverse effects:

Not described

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

| Code      | Description                                                | Waste class (Regulation (EU) No 1357/2014) |
|-----------|------------------------------------------------------------|--------------------------------------------|
| 07 01 04* | other organic solvents, washing liquids and mother liquors | Hazardous                                  |

#### Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage

#### Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

#### Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

### SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

### SECTION 15: REGULATORY INFORMATION

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

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (M=10) (Product-type 1, 2, 3, 4, 8, 10, 11, 12, 22)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

#### Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

#### Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

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## ANIS & EUCALYPTUS NATURAL SCENTING

### SECTION 15: REGULATORY INFORMATION (continued)

#### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

### SECTION 16: OTHER INFORMATION

#### Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

#### Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Non-applicable

#### Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

H319: Causes serious eye irritation.

#### Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

#### CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

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

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

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

Carc. 2: H351 - Suspected of causing cancer (Inhalation).

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Muta. 2: H341 - Suspected of causing genetic defects.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

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

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

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

#### Classification procedure:

Skin Sens. 1: Calculation method

Aquatic Chronic 3: Calculation method

Eye Irrit. 2: Calculation method

#### Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

#### Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

#### Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

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## Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

### **ANIS & EUCALYPTUS NATURAL SCENTING**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -