



A World of Fragrances and Designs

Safety data sheet  
According to 1907/2006/EC (REACH), 2015/830/EU

## AIR NATUR 100 ML RED BERRIES

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

- 1.1 Product identifier:** AIR NATUR 100 ML RED BERRIES
- 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:**  
L&D, S.A.U. Aromáticos  
C/ Albert Einstein, 12 Parque Industrial Tecnológico de Almería  
04131 Almería - Almería - España  
Phone.: +34 950 62 44 60 -  
Fax: +34 950 62 44 61  
ld-aromaticos@ld-aromaticos.com  
www.ld-aromaticos.com
- 1.4 Emergency telephone number:**

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) n° 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) n° 1272/2008.  
Flam. Liq. 2: Flammable liquids, Category 2, H225  
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) n° 1272/2008:**  
**Danger**
-  
- Hazard statements:**  
Flam. Liq. 2: H225 - Highly flammable liquid and vapour  
Skin Sens. 1A: H317 - May cause an allergic skin reaction
- Precautionary statements:**  
P101: If medical advice is needed, have product container or label at hand  
P102: Keep out of reach of children  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352: IF ON SKIN: Wash with plenty of water  
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.  
P403+P235: Store in a well-ventilated place. Keep cool  
P501: Dispose of contents and / or their container according to the separated collection system used in your municipality
- Substances that contribute to the classification**  
Hexyl cinnam-aldehyde; Methyl heptin carbonate
- 2.3 Other hazards:**  
Non-applicable

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Mixture of substances  
**Components:**  
In accordance with Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:

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

| Identification  | Chemical name/Classification                              |   | Concentration        |
|---|---|---|----------------------|
| CAS: 4940-11-8<br>EC: 225-582-5<br>Index: Non-applicable<br>REACH: Non-applicable     | <b>2-ethyl-3-hydroxy-4-pyrone</b>                         | Self-classified   | <b>2,5 - &lt;5 %</b> |
|   | Regulation 1272/2008                                      | Acute Tox. 4: H302 - Warning  |                      |
| CAS: 101-86-0<br>EC: 202-983-3<br>Index: Non-applicable<br>REACH: Non-applicable      | <b>Hexyl cinnam-aldehyde</b>                              | Self-classified   | <b>1 - &lt;2,5 %</b> |
|   | Regulation 1272/2008                                      | Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Skin Sens. 1B: H317 - Warning |                      |
| CAS: 53219-21-9<br>EC: 258-432-2<br>Index: Non-applicable<br>REACH: Non-applicable    | <b>2-methyl-6-methyleno-7-en-2-ol, dihydro derivative</b> | Self-classified   | <b>1 - &lt;2,5 %</b> |
|   | Regulation 1272/2008                                      | Eye Irrit. 2: H319 - Warning  |                      |
| CAS: 123-92-2<br>EC: 204-662-3<br>Index: 607-130-00-2<br>REACH: 01-2119548408-32-XXXX | <b>Isopentyl acetate</b>                                  | ATP CLP00   | <b>0,1 - &lt;1 %</b> |
|   | Regulation 1272/2008                                      | Flam. Liq. 3: H226; EUH066 - Warning  |                      |
| CAS: 111-12-6<br>EC: 203-836-6<br>Index: Non-applicable<br>REACH: Non-applicable      | <b>Methyl heptin carbonate</b>                            | Self-classified   | <b>0,1 - &lt;1 %</b> |
|   | Regulation 1272/2008                                      | Acute Tox. 4: H302; Skin Sens. 1A: H317 - Warning                             |                      |

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

**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:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**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.

**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:**

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO2). IT IS RECOMMENDED NOT to use tap 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:**

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### SECTION 5: FIREFIGHTING MEASURES (continued)

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. 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. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, 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:**

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 inertization agent. Destroy 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.

#### **6.2 Environmental precautions:**

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

#### **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:**

##### A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

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

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

##### C.- Technical recommendations to prevent ergonomic and toxicological risks

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

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

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

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

##### A.- Technical measures for storage

|                |           |
|----------------|-----------|
| Minimum Temp.: | 5 °C      |
| Maximum Temp.: | 30 °C     |
| Maximum time:  | 12 Months |

##### B.- General conditions for storage

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

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

**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 work environment

| Identification | Environmental limits                                |            |                       |
|----------------|---|------------|-----------------------|
|                | Isopentyl acetate<br>CAS: 123-92-2<br>EC: 204-662-3 | IOELV (8h) | 50 ppm                |
|                | IOELV (STEL)  | 100 ppm    | 540 mg/m <sup>3</sup> |
|                | Year  | 2015       |                       |

**DNEL (Workers):**

| Identification                                      |            | Short exposure |                | Long exposure          |                |
|---|------------|----------------|----------------|------------------------|----------------|
|   |            | Systemic       | Local          | Systemic               | Local          |
| Isopentyl acetate<br>CAS: 123-92-2<br>EC: 204-662-3 | Oral       | Non-applicable | Non-applicable | Non-applicable         | Non-applicable |
|   | Dermal     | Non-applicable | Non-applicable | 2,95 mg/kg             | Non-applicable |
|   | Inhalation | Non-applicable | Non-applicable | 20,8 mg/m <sup>3</sup> | Non-applicable |

**DNEL (General population):**

| Identification                                      |            | Short exposure |                | Long exposure         |                |
|---|------------|----------------|----------------|-----------------------|----------------|
|   |            | Systemic       | Local          | Systemic              | Local          |
| Isopentyl acetate<br>CAS: 123-92-2<br>EC: 204-662-3 | Oral       | Non-applicable | Non-applicable | 1,47 mg/kg            | Non-applicable |
|   | Dermal     | Non-applicable | Non-applicable | 1,47 mg/kg            | Non-applicable |
|   | Inhalation | Non-applicable | Non-applicable | 5,1 mg/m <sup>3</sup> | Non-applicable |

**PNEC:**

| Identification                                      |              | Short exposure |                         | Long exposure |       |
|---|--------------|----------------|-------------------------|---------------|-------|
|   |              | Systemic       | Local                   | Systemic      | Local |
| Isopentyl acetate<br>CAS: 123-92-2<br>EC: 204-662-3 | STP          | 30 mg/L        | Fresh water             | 0,022 mg/L    |       |
|   | Soil         | 4,15 mg/kg     | Marine water            | 0,0022 mg/L   |       |
|   | Intermittent | 0,22 mg/L      | Sediment (Fresh water)  | 17,87 mg/kg   |       |
|   | Oral         | Non-applicable | Sediment (Marine water) | 1,787 mg/kg   |       |

**8.2 Exposure controls:**

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection 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 | Protective gloves against minor risks |  |              | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374. |

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.- Ocular and facial protection



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

| Pictogram  | PPE   | Labelling   | CEN Standard                    | Remarks   |
|--|---|---|---------------------------------|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2001<br>EN ISO 4007:2012 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Bodily 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 6529:2001, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | 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 y EN 13832-1   |

F.- Additional emergency measures

| Emergency measure   | Standards                      | Emergency measure  | Standards                     |
|---|--------------------------------|--|-------------------------------|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2002 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2002 |

**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: Oily  
Colour: Characteristic  
Odour: Characteristic  
Odour threshold: Non-applicable \*

**Volatility:**

Boiling point at atmospheric pressure: 90 °C  
Vapour pressure at 20 °C: 5460 Pa  
Vapour pressure at 50 °C: 25830 Pa (26 kPa)  
Evaporation rate at 20 °C: Non-applicable \*

**Product description:**

Density at 20 °C: 834 kg/m<sup>3</sup>  
Relative density at 20 °C: 0,834  
Dynamic viscosity at 20 °C: 0 cP  
Kinematic viscosity at 20 °C: 0 cSt  
Kinematic viscosity at 40 °C: Non-applicable \*  
Concentration: Non-applicable \*  
pH: Non-applicable \*

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

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

|  |                  |
|--|------------------|
| 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 * |
| Explosive properties:                        | Non-applicable * |
| Oxidising properties:                        | Non-applicable * |

**Flammability:**

|                            |                  |
|----------------------------|------------------|
| Flash Point:               | 19 °C            |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature:  | 235 °C           |
| Lower flammability limit:  | Not available    |
| Upper flammability limit:  | Not available    |

**9.2 Other information:**

|                           |                  |
|---------------------------|------------------|
| 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.

**10.2 Chemical stability:**

Chemically stable under the 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   | Risk of combustion      | Avoid direct impact | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Combustive 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 toxicological effects:**

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

**Dangerous health implications:**

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

A.- Ingestion (acute effect):

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**AIR NATUR 100 ML RED BERRIES****SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- 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, as it does not contain substances classified as dangerous 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 dangerous for inhalation. For more information see section 3.
  - Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.
  - Contact with the eyes: Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
  - Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
  - Cutaneous: 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 dangerous 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, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
  - Skin: Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.
- H- Aspiration hazard:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity  |                | Genus  |
|---|-----------------|----------------|--------|
|   | LD50 oral       | LD50 dermal    |        |
| Hexyl cinnam-aldehyde<br>CAS: 101-86-0<br>EC: 202-983-3                                   | LD50 oral       | 3100 mg/kg     | Rat    |
|   | LD50 dermal     | 3000 mg/kg     | Rabbit |
|   | LC50 inhalation | Non-applicable |        |
| 2-methyl-6-methyleneoct-7-en-2-ol, dihydro derivative<br>CAS: 53219-21-9<br>EC: 258-432-2 | LD50 oral       | 3700 mg/kg     | Rat    |
|   | LD50 dermal     | Non-applicable |        |
|   | LC50 inhalation | Non-applicable |        |
| 2-ethyl-3-hydroxy-4-pyrone<br>CAS: 4940-11-8<br>EC: 225-582-5                             | LD50 oral       | 1200 mg/kg     | Rat    |
|   | LD50 dermal     | Non-applicable |        |
|   | LC50 inhalation | Non-applicable |        |
| Isopentyl acetate<br>CAS: 123-92-2<br>EC: 204-662-3                                       | LD50 oral       | 7400 mg/kg     | Rat    |
|   | LD50 dermal     | Non-applicable |        |
|   | LC50 inhalation | Non-applicable |        |

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**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

| Identification          | Acute toxicity |             | Genus  |
|-------------------------|----------------|-------------|--------|
|                         | LD50 oral      | LD50 dermal |        |
| Methyl heptin carbonate | 1530 mg/kg     |             | Rat    |
| CAS: 111-12-6           | 3300 mg/kg     |             | Rabbit |
| EC: 203-836-6           | Non-applicable |             |        |

**SECTION 12: ECOLOGICAL INFORMATION**

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

**12.1 Toxicity:**

| Identification        | Acute toxicity      |      | Species       | Genus      |
|-----------------------|---------------------|------|---------------|------------|
|                       | LC50                | EC50 |               |            |
| Hexyl cinnam-aldehyde | 0.1 - 1 mg/L (96 h) |      |               | Fish       |
| CAS: 101-86-0         | 0.1 - 1 mg/L        |      |               | Crustacean |
| EC: 202-983-3         | 0.1 - 1 mg/L        |      |               | Algae      |
| Isopentyl acetate     | Non-applicable      |      |               |            |
| CAS: 123-92-2         | 42 mg/L (48 h)      |      | Daphnia magna | Crustacean |
| EC: 204-662-3         | Non-applicable      |      |               |            |

**12.2 Persistence and degradability:**

Not available

**12.3 Bioaccumulative potential:**

| Identification        | Bioaccumulation potential |         |
|-----------------------|---------------------------|---------|
|                       | BCF                       | Pow Log |
| Hexyl cinnam-aldehyde | 17                        |         |
| CAS: 101-86-0         |                           |         |
| EC: 202-983-3         |                           | Low     |
| Isopentyl acetate     | 10                        |         |
| CAS: 123-92-2         |                           |         |
| EC: 204-662-3         |                           | Low     |

**12.4 Mobility in soil:**

| Identification    | Absorption/desorption |            | Volatility                   |                |
|-------------------|-----------------------|------------|------------------------------|----------------|
|                   | Koc                   | Conclusion | Henry                        | Dry soil       |
| Isopentyl acetate | 70                    | Very High  | 59,78 Pa·m <sup>3</sup> /mol | Non-applicable |
| CAS: 123-92-2     |                       |            |                              |                |
| EC: 204-662-3     |                       |            | Moist soil                   | Yes            |

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

Non-applicable

**12.6 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 liquor | Dangerous                                  |

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

HP3 Flammable

**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-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

**Regulations related to waste management:**

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## AIR NATUR 100 ML RED BERRIES

### SECTION 13: DISPOSAL CONSIDERATIONS (continued)

In accordance with Annex II of Regulation (EC) n°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

#### Transport of dangerous goods by land:

With regard to ADR 2015 and RID 2015:



- |   |                                    |
|---|------------------------------------|
| <b>14.1 UN number:</b>  | UN1993                             |
| <b>14.2 UN proper shipping name:</b>  | FLAMMABLE LIQUID, N.O.S. (Ethanol) |
| <b>14.3 Transport hazard class(es):</b>   | 3                                  |
| Labels:   | 3                                  |
| <b>14.4 Packing group:</b>  | II                                 |
| <b>14.5 Dangerous for the environment:</b>                                      | No                                 |
| <b>14.6 Special precautions for user</b>  |                                    |
| Special regulations:  | 274, 601, 640D                     |
| Tunnel restriction code:  | D/E                                |
| Physico-Chemical properties:  | see section 9                      |
| Limited quantities:   | 1 L                                |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b> | Non-applicable                     |

#### Transport of dangerous goods by sea:

With regard to IMDG 38-16:



- |   |                                    |
|---|------------------------------------|
| <b>14.1 UN number:</b>  | UN1993                             |
| <b>14.2 UN proper shipping name:</b>  | FLAMMABLE LIQUID, N.O.S. (Ethanol) |
| <b>14.3 Transport hazard class(es):</b>   | 3                                  |
| Labels:   | 3                                  |
| <b>14.4 Packing group:</b>  | II                                 |
| <b>14.5 Dangerous for the environment:</b>                                      | No                                 |
| <b>14.6 Special precautions for user</b>  |                                    |
| Special regulations:  | 274                                |
| EmS Codes:  | F-E, S-E                           |
| Physico-Chemical properties:  | see section 9                      |
| Limited quantities:   | 1 L                                |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b> | Non-applicable                     |

#### Transport of dangerous goods by air:

With regard to IATA/ICAO 2017:



- |   |                                    |
|---|------------------------------------|
| <b>14.1 UN number:</b>  | UN1993                             |
| <b>14.2 UN proper shipping name:</b>  | FLAMMABLE LIQUID, N.O.S. (Ethanol) |
| <b>14.3 Transport hazard class(es):</b>   | 3                                  |
| Labels:   | 3                                  |
| <b>14.4 Packing group:</b>  | II                                 |
| <b>14.5 Dangerous for the environment:</b>                                      | No                                 |
| <b>14.6 Special precautions for user</b>  |                                    |
| Physico-Chemical properties:  | see section 9                      |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b> | Non-applicable                     |

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A World of Fragrances and Designs

Safety data sheet  
According to 1907/2006/EC (REACH), 2015/830/EU

## AIR NATUR 100 ML RED BERRIES

### SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Ethanol.

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

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

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

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 ....):

Non-applicable

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

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

#### Other legislation:

The product could be affected by sectorial legislation

#### 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:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) N° 1907/2006 (Regulation (EC) N° 2015/830)

#### 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

H225: Highly flammable liquid and vapour

#### 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) n° 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed

Aquatic Acute 1: H400 - Very toxic to aquatic life

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

Eye Irrit. 2: H319 - Causes serious eye irritation

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

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

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

#### Classification procedure:

Skin Sens. 1A: Calculation method

Flam. Liq. 2: Calculation method (2.6.4.3)

#### Advice related to training:

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

#### Principal bibliographical sources:

<http://esis.jrc.ec.europa.eu>

<http://echa.europa.eu>

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

#### Abbreviations and acronyms:

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A World of Fragrances and Designs

## Safety data sheet

According to 1907/2006/EC (REACH), 2015/830/EU

### AIR NATUR 100 ML RED BERRIES

#### SECTION 16: OTHER INFORMATION (continued)

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: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol–water partition coefficient  
Koc: Partition coefficient of organic carbon

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 -