

Pure Lilac 0000004078



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

#### 1.1. Product identifier

Product name : Pure Lilac

Product code : 0000004078

UFI: C39C-C0EC-X00E-M2UE

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

For fragrances - Industrial use only

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

Grupa Easy Spółka z o.o.

ul. Polna 1a

Krzywdą 21-470

Poland

1.4. Emergency telephone number : +48 510 779 511 (supplier)

Other emergency numbers 112 national emergency number

### SECTION 2 : HAZARDS IDENTIFICATION

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

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Reproductive toxicity, Category 2 (Repr. 2, H361).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

#### 2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07



GHS08

Signal Word :

WARNING

Product identifiers :

EC 203-518-7

HYDROXYCITRONELLAL

EC 204-409-7

PIPERONAL

EC 203-212-3

CINNAMYL ALCOHOL

EC 203-161-7

2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE

EC 204-541-5

ALPHA-AMYL CINNAMALDEHYDE

EC 202-590-7

ISOEUGENOL

EC 204-574-5

PHENYLACETALDEHYDE

EC 201-134-4

LINALOOL

EC 202-255-5

2-PHENYLPROPIONALDEHYDE

Hazard statements :

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H361

Suspected of damaging fertility or the unborn child .

**Pure Lilac 0000004078**

|                                         |                                                                                                                                  |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| H412                                    | Harmful to aquatic life with long lasting effects.                                                                               |
| Precautionary statements - Prevention : |                                                                                                                                  |
| 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 thoroughly after handling.                                                                                            |
| P272                                    | Contaminated work clothing should not be allowed out of the workplace.                                                           |
| P273                                    | Avoid release to the environment.                                                                                                |
| P280                                    | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...                                 |
| Precautionary statements - Response :   |                                                                                                                                  |
| P302 + P352                             | IF ON SKIN: Wash with plenty of water.                                                                                           |
| P305 + P351 + P338                      | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308 + P313                             | IF exposed or concerned: Get medical advice/attention.                                                                           |
| P321                                    | Specific treatment (see if more details are available on this label).                                                            |
| P332 + P313                             | If skin irritation occurs: Get medical advice/attention.                                                                         |
| P333 + P313                             | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P337 + P313                             | If eye irritation persists: Get medical advice/attention.                                                                        |
| P362 + P364                             | Take off contaminated clothing and wash it before reuse.                                                                         |
| Precautionary statements - Storage :    |                                                                                                                                  |
| P405                                    | Store locked up.                                                                                                                 |
| Precautionary statements - Disposal :   |                                                                                                                                  |
| P501                                    | Dispose of contents/container to the waste collection point according to the local, national or international regulation.        |

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 59 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

| Identification                                                                       | Classification (EC) 1272/2008                               | Note | %                  |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------|------|--------------------|
| CAS: 60-12-8<br>EC: 200-456-2<br>REACH: 01-2119963921-31-0000<br>PHENETHYL ALCOHOL   | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319    |      | 11 $\leq x\%$ < 14 |
| CAS: 8000-41-7<br>EC: 232-268-1<br>TERPINEOL                                         | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   |      | 8 $\leq x\%$ < 11  |
| CAS: 107-75-5<br>EC: 203-518-7<br>REACH: 01-2119973482-31-0000<br>HYDROXYCITRONELLAL | GHS07<br>Wng<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319   |      | 2.5 $\leq x\%$ < 5 |
| CAS: 140-11-4<br>EC: 205-399-7<br>REACH: 01-2119638272-42-0000<br>BENZYL ACETATE     | Wng<br>Aquatic Chronic 3, H412                              |      | 2.5 $\leq x\%$ < 5 |
| CAS: 120-57-0<br>EC: 204-409-7<br>PIPERONAL                                          | GHS07, GHS08<br>Wng<br>Skin Sens. 1B, H317<br>Repr. 2, H361 | [ii] | 2.5 $\leq x\%$ < 5 |

**Pure Lilac 0000004078**

|                                                                                                                     |                                                                                                                                                                       |      |                |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------|
| CAS: 104-54-1<br>EC: 203-212-3<br><br>CINNAMYL ALCOHOL                                                              | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Skin Sens. 1B, H317                                                                                                             |      | 2.5 <= x % < 5 |
| CAS: 103-95-7<br>EC: 203-161-7<br>REACH: 01-2119970582-32-0000<br><br>2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE | GHS07, GHS08<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Repr. 2, H361<br>Aquatic Chronic 3, H412                                                         | [ii] | 1 <= x % < 2.5 |
| CAS: 122-40-7<br>EC: 204-541-5<br>REACH: 01-2119978288-18-0000<br><br>ALPHA-AMYL CINNAMALDEHYDE                     | GHS07, GHS09<br>Wng<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                                 |      | 1 <= x % < 2.5 |
| CAS: 97-54-1<br>EC: 202-590-7<br><br>ISOEUGENOL                                                                     | GHS07<br>Wng<br>Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335 |      | 0 <= x % < 1   |
| CAS: 123-11-5<br>EC: 204-602-6<br><br>P-METHOXYBENZALDEHYDE                                                         | GHS08<br>Wng<br>Repr. 2, H361<br>Aquatic Chronic 3, H412                                                                                                              | [ii] | 0 <= x % < 1   |
| CAS: 122-78-1<br>EC: 204-574-5<br><br>PHENYLACETALDEHYDE                                                            | GHS05, GHS07<br>Dgr<br>Acute Tox. 4, H302<br>Skin Corr. 1B, H314<br>Skin Sens. 1B, H317<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412                                |      | 0 <= x % < 1   |
| CAS: 128-37-0<br>EC: 204-881-4<br>REACH: 01-21198480433-40-0000<br><br>BUTYLATED HYDROXYTOLUENE                     | GHS09<br>Wng<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1                                                                      | [i]  | 0 <= x % < 1   |
| CAS: 78-70-6<br>EC: 201-134-4<br>REACH: 01-2119474016-42-0000<br><br>LINALOOL                                       | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319                                                                                      |      | 0 <= x % < 1   |
| CAS: 93-53-8<br>EC: 202-255-5<br><br>2-PHENYLPROPIONALDEHYDE                                                        | GHS07, GHS08<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319<br>Repr. 2, H361                                                              | [ii] | 0 <= x % < 1   |
| CAS: 120-72-9<br>EC: 204-420-7<br><br>INDOLE                                                                        | GHS05, GHS06<br>Dgr<br>Acute Tox. 4, H302<br>Acute Tox. 3, H311<br>Eye Dam. 1, H318                                                                                   |      | 0 <= x % < 1   |

**Specific concentration limits:**

| Identification                                                                         | Specific concentration limits | ATE                       |
|----------------------------------------------------------------------------------------|-------------------------------|---------------------------|
| CAS: 60-12-8<br>EC: 200-456-2<br>REACH: 01-2119963921-31-0000<br><br>PHENETHYL ALCOHOL |                               | oral: ATE = 1610 mg/kg BW |

**Pure Lilac 0000004078**

|                                                                                                                         |                               |                                                         |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------|
| CAS: 8000-41-7<br>EC: 232-268-1<br><br>TERPINEOL                                                                        |                               | oral: ATE = 4300 mg/kg BW                               |
| CAS: 140-11-4<br>EC: 205-399-7<br>REACH: 01-2119638272-42-0000<br><br>BENZYL ACETATE                                    |                               | oral: ATE = 2490 mg/kg BW                               |
| CAS: 120-57-0<br>EC: 204-409-7<br><br>PIPERONAL                                                                         |                               | oral: ATE = 2700 mg/kg BW                               |
| CAS: 104-54-1<br>EC: 203-212-3<br><br>CINNAMYL ALCOHOL                                                                  |                               | oral: ATE = 2000 mg/kg BW                               |
| CAS: 103-95-7<br>EC: 203-161-7<br>REACH: 01-2119970582-32-0000<br><br>2-METHYL-3-(P-ISOPROPYLPHENYL)PROP<br>IONALDEHYDE |                               | oral: ATE = 3810 mg/kg BW                               |
| CAS: 122-40-7<br>EC: 204-541-5<br>REACH: 01-2119978288-18-0000<br><br>ALPHA-AMYL CINNAMALDEHYDE                         |                               | oral: ATE = 3730 mg/kg BW                               |
| CAS: 97-54-1<br>EC: 202-590-7<br><br>ISOEUGENOL                                                                         | Skin Sens. 1A: H317 C>= 0.01% | dermal: ATE = 1912 mg/kg BW<br>oral: ATE = 542 mg/kg BW |
| CAS: 123-11-5<br>EC: 204-602-6<br><br>P-METHOXYBENZALDEHYDE                                                             |                               | oral: ATE = 3210 mg/kg BW                               |
| CAS: 122-78-1<br>EC: 204-574-5<br><br>PHENYLACETALDEHYDE                                                                |                               | oral: ATE = 1550 mg/kg BW                               |
| CAS: 78-70-6<br>EC: 201-134-4<br>REACH: 01-2119474016-42-0000<br><br>LINALOOL                                           |                               | oral: ATE = 2790 mg/kg BW                               |
| CAS: 93-53-8<br>EC: 202-255-5<br><br>2-PHENYLPROPIONALDEHYDE                                                            |                               | oral: ATE = 2800 mg/kg BW                               |
| CAS: 120-72-9<br>EC: 204-420-7<br><br>INDOLE                                                                            |                               | dermal: ATE = 790 mg/kg BW<br>oral: ATE = 1000 mg/kg BW |

**Information on ingredients :**

(Full text of H-phrases: see section 16)

- [i] Substance for which maximum workplace exposure limits are available.
- [ii] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

**4.1. description of first aid measures**

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Pure Lilac 0000004078

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**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

No data available.

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

Pure Lilac 0000004078

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.  
Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.  
Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

### 7.1. Precautions for safe handling

Always wash hands after handling.  
Remove and wash contaminated clothing before re-using.  
Ensure that there is adequate ventilation, especially in confined areas.

### Fire prevention :

Handle in well-ventilated areas.  
Prevent access by unauthorised personnel.

### Recommended equipment and procedures :

For personal protection, see section 8.  
Observe precautions stated on label and also industrial safety regulations.  
Avoid skin and eye contact with this mixture.  
Avoid exposure - obtain special instructions before use.  
Packages which have been opened must be reclosed carefully and stored in an upright position.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

### Storage

Keep the container tightly closed in a dry, well-ventilated place.  
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

- UK :

| CAS                                     | TWA :    | STEL : | Ceiling : | Definition : | Criteria : |
|-----------------------------------------|----------|--------|-----------|--------------|------------|
| 128-37-0<br>BUTYLATED<br>HYDROXYTOLUENE | 10 mg/m3 |        |           |              |            |

### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.  
Use eye protectors designed to protect against liquid splashes  
Before handling, wear safety goggles with protective sides accordance with standard ISO 16321.  
In the event of high danger, protect the face with a face shield.

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Pure Lilac 0000004078

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Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVA (Polyvinyl alcohol)
- Butyl Rubber (Isobutylene-isoprene copolymer)

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

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**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

**Physical state**

Physical state : Fluid liquid.

**Colour**

Unspecified

**Odour**

Odour threshold : Not stated.

**Freezing point**

Freezing point / Freezing range : Not stated.

**Boiling point or initial boiling point and boiling range**

Boiling point/boiling range : Not relevant.

**Flammability**

Flammability (solid, gas) : Not stated.

**Lower and upper explosion limit**

Explosive properties, lower explosivity limit (%) Not stated.

:

Explosive properties, upper explosivity limit (%) Not stated.

:

**Flash point**

Flash Point : 112.00 °C.

**Auto-ignition temperature**

Self-ignition temperature : Not relevant.

**Decomposition temperature**

Decomposition point/decomposition range : Not relevant.

**pH**

pH (aqueous solution) : Not stated.

pH : Not relevant.

**Kinematic viscosity**

Viscosity : Not stated.

Viscosity: v < 7 mm<sup>2</sup>/s (40°C)

**Solubility**

Water solubility : Insoluble.

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Pure Lilac 0000004078

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Fat solubility : Not stated.

**Partition coefficient n-octanol/water (log value)**  
Partition coefficient: n-octanol/water : Not stated.

**Vapour pressure**  
Vapour pressure (50°C) : Not relevant.

**Density and/or relative density**  
Density : < 1

**Relative vapour density**  
Vapour density : Not stated.

**Particle characteristics**  
The mixture does not contain nanoforms.

**9.2. Other information**  
No data available.

**9.2.1. Information with regard to physical hazard classes**  
No data available.

**9.2.2. Other safety characteristics**  
No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**  
No data available.

**10.2. Chemical stability**  
This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**  
When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**  
No data available.

**10.5. Incompatible materials**  
No data available.

**10.6. Hazardous decomposition products**  
The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO2)

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

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

**11.1.1. Substances**

**a) Acute toxicity :**

|                                        |                               |
|----------------------------------------|-------------------------------|
| INDOLE (CAS: 120-72-9)                 |                               |
| Oral route :                           | LD50 = 1000 mg/kg body weight |
| Dermal route :                         | LD50 = 790 mg/kg body weight  |
| 2-PHENYLPROPIONALDEHYDE (CAS: 93-53-8) |                               |
| Oral route :                           | LD50 = 2800 mg/kg body weight |
| LINALOOL (CAS: 78-70-6)                |                               |
| Oral route :                           | LD50 = 2790 mg/kg body weight |
| PHENYLACETALDEHYDE (CAS: 122-78-1)     |                               |
| Oral route :                           | LD50 = 1550 mg/kg body weight |
| P-METHOXYBENZALDEHYDE (CAS: 123-11-5)  |                               |

**Pure Lilac 0000004078**

Oral route : LD50 = 3210 mg/kg body weight

ISOEUGENOL (CAS: 97-54-1)

Oral route : LD50 = 542 mg/kg body weight

Dermal route : LD50 = 1912 mg/kg body weight

ALPHA-AMYL CINNAMALDEHYDE (CAS: 122-40-7)

Oral route : LD50 = 3730 mg/kg body weight

2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE (CAS: 103-95-7)

Oral route : LD50 = 3810 mg/kg body weight

CINNAMYL ALCOHOL (CAS: 104-54-1)

Oral route : LD50 = 2000 mg/kg body weight

PIPERONAL (CAS: 120-57-0)

Oral route : LD50 = 2700 mg/kg body weight

BENZYL ACETATE (CAS: 140-11-4)

Oral route : LD50 = 2490 mg/kg body weight

TERPINEOL (CAS: 8000-41-7)

Oral route : LD50 = 4300 mg/kg body weight

PHENETHYL ALCOHOL (CAS: 60-12-8)

Oral route : LD50 = 1610 mg/kg body weight

**b) Skin corrosion/skin irritation :**

No data available.

**c) Serious damage to eyes/eye irritation :**

No data available.

**d) Respiratory or skin sensitisation :**

No data available.

**e) Germ cell mutagenicity :**

No data available.

**f) Carcinogenicity :**

No data available.

**g) Reproductive toxicant :**

No data available.

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

No data available.

**j) Aspiration hazard :**

No data available.

**11.1.2. Mixture**

**11.1.2.1 Information on hazard classes**

**a) Acute toxicity :**

Oral route : No data available.

Dermal route : No data available.

**b) Skin corrosion/skin irritation :**

May cause reversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

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Pure Lilac 0000004078

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**c) Serious damage to eyes/eye irritation :**

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.  
Splashes in the eyes may cause irritation and reversible damage

**d) Respiratory or skin sensitisation :**

May cause an allergic reaction by skin contact.

**e) Germ cell mutagenicity :**

No data available.

**f) Carcinogenicity :**

No data available.

**g) Reproductive toxicant :**

Suspected human reproductive toxicant.

**h) Specific target organ systemic toxicity - single exposure :**

No data available.

**i) Specific target organ systemic toxicity - repeated exposure :**

No data available.

**j) Aspiration hazard :**

No data available.

**11.1.2.2 Other information**

**Symptoms related to the physical, chemical and toxicological characteristics**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 102-71-6 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 97-54-1 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 140-11-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

The mixture does not contain any substance evaluated as an endocrine disruptor with effects on human health.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity**

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Endocrine disrupting properties**

The mixture does not contain any substance evaluated as an endocrine disruptor with environmental effects.

**12.7. Other adverse effects**

No data available.

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Pure Lilac 0000004078

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**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number or ID number**

-

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

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**SECTION 15 : REGULATORY INFORMATION**

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

**Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2023/707.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2025/1222. (ATP 23)

**Container information:**

No data available.

**Particular provisions :**

No data available.

**Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):**

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):  
<https://echa.europa.eu/substances-restricted-under-reach>.

**Authorisations agreed under Title VII of Regulation (EC) No.1907/2006 (REACH):**

The mixture does not contain any substance subject to authorisation according to Annex XIV of REACH Regulation (EC) No 1907/2006:  
<https://echa.europa.eu/fr/authorisation-list>.

**Ozone-depleting substances (Regulation (EC) No 2024/590).**

The mixture does not contain any substance posing a risk to the ozone layer.

**Persistent organic pollutants (POP) (Regulation (EU) 2019/1021):**

The mixture does not contain a persistent organic pollutant.

**PIC Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (Rotterdam Convention):**

The mixture is not subject to the Prior Informed Consent (PIC) procedure.

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**Explosives precursors :**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

**Wording of the phrases mentioned in section 3 :**

|      |                                                       |
|------|-------------------------------------------------------|
| H302 | Harmful if swallowed.                                 |
| H311 | Toxic in contact with skin.                           |
| H312 | Harmful in contact with skin.                         |
| H314 | Causes severe skin burns and eye damage.              |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| H318 | Causes serious eye damage.                            |
| H319 | Causes serious eye irritation.                        |
| H332 | Harmful if inhaled.                                   |
| H335 | May cause respiratory irritation.                     |
| H361 | Suspected of damaging fertility or the unborn child . |
| H400 | Very toxic to aquatic life.                           |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects.      |
| H412 | Harmful to aquatic life with long lasting effects.    |

**Abbreviations and acronyms :**

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.  
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
CMR: Carcinogenic, mutagenic or reprotoxic.  
STEL : Short-term exposure limit  
TWA : Time-Weighted Average  
VLE : Threshold Limit Value (exposure)  
VME : Average Exposure Value.  
ADR : Agreement concerning the international carriage of dangerous goods by road.  
GHS07 : Exclamation mark  
GHS08 : Health hazard  
IATA : International Air Transport Association.  
IMDG : International Maritime Dangerous Goods.  
ICAO : International Civil Aviation Organisation  
PBT: Persistent, bioaccumulable and toxic.  
PIC: Prior Informed Consent.  
POP: Persistent Organic Pollutant.  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
SVHC : Substances of very high concern.  
WGK : Water Hazard Class.

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The information contained in this safety data sheet is based on our current knowledge at the time of publication and is provided in good faith. It does not constitute any guarantee of specific product properties nor establish any contractual relationship. The user remains solely responsible for safe and compliant use of the product in accordance with current regulations.  
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