

Grzane Wino 0000001213



## 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 : Grzane Wino

Product code : 0000001213

UFI: S4C3-80X1-E00E-FQSD

#### 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

Krzywda 21-470

Poland

kontakt@easycandle.pl

+48 511 779 510

#### 1.4. Emergency telephone number : +48 511 779 510

#### Other emergency numbers

emergency phone: 112

### SECTION 2 : HAZARDS IDENTIFICATION

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

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

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

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

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

#### 2.2. Label elements

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

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

|              |                                                       |
|--------------|-------------------------------------------------------|
| EC 202-938-8 | ALPHA-METHYLCINNAMALDEHYDE                            |
| EC 203-213-9 | CINNAMALDEHYDE                                        |
| EC 266-034-5 | TERPENES AND TERPENOIDS, LIMONENE FRACTION            |
| EC 224-052-0 | TRANS-ANETHOLE                                        |
| EC 250-954-9 | 4-TERT-BUTYLCYCLOHEXYL ACETATE                        |
| EC 217-552-5 | CINNAMYL NITRILE                                      |
| EC 245-833-2 | 1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE |

Hazard statements :

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

**Grzane Wino 0000001213**

|                                       |                                                                                                                           |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                                    |
| P321                                  | Specific treatment (see if more details are available on this label).                                                     |
| P333 + P313                           | If skin irritation or rash occurs: Get medical advice/attention.                                                          |
| P362 + P364                           | Take off contaminated clothing and wash it before reuse.                                                                  |
| 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: 101-39-3<br>EC: 202-938-8<br><br>ALPHA-METHYLCINNAMALDEHYDE                                | GHS07, GHS09<br>Wng<br>Skin Sens. 1B, H317<br>Aquatic Chronic 3, H412<br>Aquatic Acute 1, H400<br>M Acute = 1                                                                                                 |      | $1 \leq x \% < 2.5$ |
| CAS: 104-55-2<br>EC: 203-213-9<br><br>CINNAMALDEHYDE                                            | GHS07<br>Wng<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412                                                                             |      | $0 \leq x \% < 1$   |
| CAS: 65996-98-7<br>EC: 266-034-5<br><br>TERPENES AND TERPENOID, LIMONENE FRACTION               | GHS02, GHS07, GHS08, GHS09<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 |      | $0 \leq x \% < 1$   |
| CAS: 4180-23-8<br>EC: 224-052-0<br><br>TRANS-ANETHOLE                                           | GHS07<br>Wng<br>Skin Sens. 1B, H317                                                                                                                                                                           |      | $0 \leq x \% < 1$   |
| CAS: 5413-60-5<br>EC: 226-501-6<br><br>TRICYCLODECENYL ACETATE                                  | GHS09<br>Wng<br>Aquatic Chronic 1, H410<br>M Chronic = 1                                                                                                                                                      |      | $0 \leq x \% < 1$   |
| 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]  | $0 \leq x \% < 1$   |
| CAS: 32210-23-4<br>EC: 250-954-9<br><br>4-TERT-BUTYLCYCLOHEXYL ACETATE                          | GHS07<br>Wng<br>Skin Sens. 1B, H317                                                                                                                                                                           |      | $0 \leq x \% < 1$   |

**Grzane Wino 0000001213**

|                                                                                                            |                                                                                                                                                                                         |     |              |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------|
| CAS: 1885-38-7<br>EC: 217-552-5<br><br>CINNAMYL NITRILE                                                    | GHS06<br>Dgr<br>Acute Tox. 3, H301<br>Acute Tox. 4, H312<br>Skin Sens. 1B, H317<br>Acute Tox. 4, H332                                                                                   |     | 0 <= x % < 1 |
| CAS: 23696-85-7<br>EC: 245-833-2<br><br>1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE              | GHS07, GHS09<br>Wng<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317<br>Acute Tox. 4, H332<br>Aquatic Chronic 2, H411                                                                      |     | 0 <= x % < 1 |
| CAS: 431-03-8<br>EC: 207-069-8<br><br>DIACETYL                                                             | GHS02, GHS05, GHS06, GHS08<br>Dgr<br>Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>Acute Tox. 3, H331<br>STOT RE 2, H373 | [i] | 0 <= x % < 1 |
| CAS: 469-61-4<br>EC: 207-418-4<br><br>ALPHA-CEDRENE                                                        | GHS08, GHS09, GHS07<br>Dgr<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Aquatic Acute 1, H400<br>M Acute = 10<br>Aquatic Chronic 1, H410<br>M Chronic = 10                            |     | 0 <= x % < 1 |
| INDEX: 607-022-00-5<br>CAS: 141-78-6<br>EC: 205-500-4<br>REACH: 01-2119475103-46-0000<br><br>ETHYL ACETATE | GHS02, GHS07<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH066                                                                                            | [i] | 0 <= x % < 1 |
| CAS: 123-51-3<br>EC: 204-633-5<br><br>ISOAMYL ALCOHOL                                                      | GHS02, GHS05, GHS07<br>Dgr<br>Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Acute Tox. 4, H332<br>STOT SE 3, H335                                                    | [i] | 0 <= x % < 1 |
| CAS: 64-17-5<br>EC: 200-578-6<br><br>ETHYL ALCOHOL                                                         | GHS02, GHS07<br>Dgr<br>Eye Irrit. 2, H319<br>Flam. Liq. 2, H225                                                                                                                         | [i] | 0 <= x % < 1 |

**Specific concentration limits:**

| Identification                                                   | Specific concentration limits | ATE                                                      |
|------------------------------------------------------------------|-------------------------------|----------------------------------------------------------|
| CAS: 101-39-3<br>EC: 202-938-8<br><br>ALPHA-METHYLCINNAMALDEHYDE |                               | oral: ATE = 2050 mg/kg BW                                |
| CAS: 104-55-2<br>EC: 203-213-9<br><br>CINNAMALDEHYDE             | Skin Sens. 1A: H317 C>= 0.01% | dermal: ATE = 1260 mg/kg BW<br>oral: ATE = 2220 mg/kg BW |
| CAS: 4180-23-8<br>EC: 224-052-0<br><br>TRANS-ANETHOLE            |                               | oral: ATE = 3000 mg/kg BW                                |
| CAS: 5413-60-5<br>EC: 226-501-6<br><br>TRICYCLODECENYL ACETATE   |                               | oral: ATE = 2750 mg/kg BW                                |

**Grzane Wino 0000001213**

|                                                                        |  |                                                          |
|------------------------------------------------------------------------|--|----------------------------------------------------------|
| CAS: 32210-23-4<br>EC: 250-954-9<br><br>4-TERT-BUTYLCYCLOHEXYL ACETATE |  | oral: ATE = 3370 mg/kg BW                                |
| CAS: 1885-38-7<br>EC: 217-552-5<br><br>CINNAMYL NITRILE                |  | dermal: ATE = 1100 mg/kg BW<br>oral: ATE = 100 mg/kg BW  |
| CAS: 431-03-8<br>EC: 207-069-8<br><br>DIACETYL                         |  | oral: ATE = 1580 mg/kg BW                                |
| CAS: 123-51-3<br>EC: 204-633-5<br><br>ISOAMYL ALCOHOL                  |  | dermal: ATE = 3216 mg/kg BW<br>oral: ATE = 4000 mg/kg BW |

**Information on ingredients :**

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

[i] Substance for which maximum workplace exposure limits are available.

**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**

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

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

**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.

**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)

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**Grzane Wino 0000001213**

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- 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.

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**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.

**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.

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.

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**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union :

**Grzane Wino 0000001213**

| CAS                         | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|-----------------------------|-------------|-----------|-------------|-----------|---------|
| 431-03-8<br>DIACETYL        | 0.07        | 0.02      | 0.36        | 0.1       | -       |
| 141-78-6<br>ETHYL ACETATE   | 734         | 200       | 1468        | 400       | -       |
| 123-51-3<br>ISOAMYL ALCOHOL | 18          | 5         | 37          | 10        | -       |

- UK :

| CAS                                     | TWA :                  | STEL :                | Ceiling : | Definition : | Criteria : |
|-----------------------------------------|------------------------|-----------------------|-----------|--------------|------------|
| 128-37-0<br>BUTYLATED<br>HYDROXYTOLUENE | 10 mg/m3               |                       |           |              |            |
| 431-03-8<br>DIACETYL                    | 0.02 ppm<br>0.07 mg/m3 | 0.1 ppm<br>0.36 mg/m3 |           |              |            |
| 141-78-6<br>ETHYL ACETATE               | 200 ppm<br>734 mg/m3   | 400 ppm<br>1468 mg/m3 |           |              |            |
| 123-51-3<br>ISOAMYL ALCOHOL             | 100 ppm<br>366 mg/m3   | 125 ppm<br>458 mg/m3  |           |              |            |
| 64-17-5<br>ETHYL ALCOHOL                | 1000 ppm<br>1920 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 in accordance with standard ISO 16321.

#### - 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.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### Physical state

Physical state :

Fluid liquid.

**Grzane Wino 0000001213**

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**Colour**

Unspecified

**Odour**

Odour threshold : Not stated.

**Melting point**

Melting point/melting range : Not relevant.

**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 Interval : FP > 100°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.

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.

**Grzane Wino 0000001213**

**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 (CO<sub>2</sub>)

**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 :**

ISOAMYL ALCOHOL (CAS: 123-51-3)

Oral route : LD50 = 4000 mg/kg body weight

Dermal route : LD50 = 3216 mg/kg body weight

DIACETYL (CAS: 431-03-8)

Oral route : LD50 = 1580 mg/kg body weight

CINNAMYL NITRILE (CAS: 1885-38-7)

Oral route : LD50 = 100 mg/kg body weight

Dermal route : LD50 = 1100 mg/kg body weight

4-TERT-BUTYLCYCLOHEXYL ACETATE (CAS: 32210-23-4)

Oral route : LD50 = 3370 mg/kg body weight

TRICYCLODECENYL ACETATE (CAS: 5413-60-5)

Oral route : LD50 = 2750 mg/kg body weight

TRANS-ANETHOLE (CAS: 4180-23-8)

Oral route : LD50 = 3000 mg/kg body weight

CINNAMALDEHYDE (CAS: 104-55-2)

Oral route : LD50 = 2220 mg/kg body weight

Dermal route : LD50 = 1260 mg/kg body weight

ALPHA-METHYLCINNAMALDEHYDE (CAS: 101-39-3)

Oral route : LD50 = 2050 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.

**Grzane Wino 0000001213**

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**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 :**

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.

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

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 :**

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.

**11.1.2.2 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.

**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**

**Grzane Wino 0000001213**

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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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**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. 2024/2564. (ATP 22)

**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>.

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**Grzane Wino 0000001213**

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**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>.

**Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :**

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.

**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**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

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

|        |                                                                     |
|--------|---------------------------------------------------------------------|
| H225   | Highly flammable liquid and vapour.                                 |
| H226   | Flammable liquid and vapour.                                        |
| H301   | Toxic if swallowed.                                                 |
| H302   | Harmful if swallowed.                                               |
| H304   | May be fatal if swallowed and enters airways.                       |
| H312   | Harmful in contact with skin.                                       |
| H315   | Causes skin irritation.                                             |
| H317   | May cause an allergic skin reaction.                                |
| H318   | Causes serious eye damage.                                          |
| H319   | Causes serious eye irritation.                                      |
| H331   | Toxic if inhaled.                                                   |
| H332   | Harmful if inhaled.                                                 |
| H335   | May cause respiratory irritation.                                   |
| H336   | May cause drowsiness or dizziness.                                  |
| H373   | May cause damage to organs through prolonged or repeated exposure . |
| 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.                  |
| EUH066 | Repeated exposure may cause skin dryness or cracking.               |

**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

STEL : Short-term exposure limit

TWA : Moyenne pondérée dans le temps

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

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

GHS07 : Exclamation mark

IATA : International Air Transport Association.

IMDG : International Maritime Dangerous Goods.

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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.

AK-ertek : Permissible average concentration