


## ASEVI GERPOSTAR DISINFECTANT FLOORS

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

- 1.1 Product identifier:** ASEVI GERPOSTAR DISINFECTANT FLOORS
- Other means of identification:**  
Non-applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Disinfectant  
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:**  
Pons Químicas, S.L.  
Ctra. de Gata, 143  
03730 Xàbia - Alacant - Spain  
Phone: +34966454200 - Fax: +34966454306  
ponsquimicas@ponsquimicas.es  
www.ponsquimicas.com
- 1.4 Emergency telephone number:** Toxicology Information Service (National Institute of Toxicology and Forensic Sciences)  
Phone: 91 562 04 20 Information in Spanish (24h/365 days). Only for the purpose of providing health response in emergencies. Company: Pons Químicas, SL Phone: 96 645 42 00 (working hours)

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Skin Irrit. 2: Skin irritation, Category 2, H315
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**
- 
- Hazard statements:**  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Skin Irrit. 2: H315 - Causes skin irritation.
- Precautionary statements:**  
P102: Keep out of reach of children.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.  
P391: Collect spillage.  
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively.
- 2.3 Other hazards:**  
Product fails to meet PBT/vPvB criteria

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Mixture of substances

\*\* Changes with regards to the previous version





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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

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

**Components:**

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

| Identification  | Chemical name/Classification  | Concentration  |
|---|---|--|
| CAS: 56539-66-3<br>EC: 260-252-4<br>Index: Non-applicable<br>REACH: 01-2119976333-33-XXXX | <b>3-methoxy-3-methylbutan-1-ol<sup>(1)</sup></b><br>Regulation 1272/2008 Eye Irrit. 2: H319 - Warning  | Self-classified<br><br>5 - <10 %  |
| CAS: 68424-85-1<br>EC: 270-325-2<br>Index: Non-applicable<br>REACH: Non-applicable        | <b>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<sup>(1)</sup></b><br>Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Met. Corr. 1: H290; Skin Corr. 1B: H314 - Danger | Self-classified<br><br>2,5 - <5 % |
| CAS: 1310-73-2<br>EC: 215-185-5<br>Index: 011-002-00-6<br>REACH: 01-2119457892-27-XXXX    | <b>sodium hydroxide<sup>(1)</sup></b><br>Regulation 1272/2008 Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger  | Self-classified<br><br><1 %       |
| CAS: 101-84-8<br>EC: 202-981-2<br>Index: Non-applicable<br>REACH: 01-2119472545-33-XXXX   | <b>Diphenyl ether<sup>(2)</sup></b><br>Regulation 1272/2008 Eye Irrit. 2: H319 - Warning  | Self-classified<br><br><1 %       |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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

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

**Other information:**

| Identification | M-factor   |       |
|----------------|--|-------|
|                | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<br>CAS: 68424-85-1 EC: 270-325-2 | Acute |
|                | Chronic  | 1     |

| Identification                                      | Specific concentration limit   |
|---|--|
| sodium hydroxide<br>CAS: 1310-73-2<br>EC: 215-185-5 | % (w/w) >=0,1: Met. Corr. 1 - H290<br>% (w/w) >=5: Skin Corr. 1A - H314<br>2<= % (w/w) <5: Skin Corr. 1B - H314<br>0,5<= % (w/w) <2: Skin Irrit. 2 - H315<br>% (w/w) >=2: Eye Dam. 1 - H318<br>0,5<= % (w/w) <2: Eye Irrit. 2 - H319 |

\*\* Changes with regards to the previous version

**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:**

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

**By ingestion/aspiration:**

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

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

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**ASEVI GERPOSTAR DISINFECTANT FLOORS****SECTION 4: FIRST AID MEASURES (continued)**

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

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

Symptomatic treatment. If ingested, gastrointestinal decontamination according to the state of consciousness.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media:****Suitable extinguishing media:**

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

**Unsuitable extinguishing media:**

Non-applicable

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

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

**5.3 Advice for firefighters:**

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

**Additional provisions:**

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

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

**For emergency responders:**

See section 8.

**6.2 Environmental precautions:**

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

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

It is recommended:

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

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling:**

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.

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

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

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

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on 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**

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

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

**A.- Technical measures for storage**

- Minimum Temp.: 5 °C
- Maximum Temp.: 30 °C
- Maximum time: 60 Months

**B.- General conditions for storage**

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

**7.3 Specific end use(s):**

General cleaner scented with bactericidal efficacy.

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

**8.1 Control parameters:**

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

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

| Identification                                | Occupational exposure limits |       |                      |
|---|------------------------------|-------|----------------------|
|   | IOELV (8h)                   | 1 ppm | 7 mg/m <sup>3</sup>  |
| Diphenyl ether<br>CAS: 101-84-8 EC: 202-981-2 | IOELV (STEL)                 | 2 ppm | 14 mg/m <sup>3</sup> |

**DNEL (Workers):**

| Identification   |            | Short exposure |                      | Long exposure        |                     |
|--|------------|----------------|----------------------|----------------------|---------------------|
|  |            | Systemic       | Local                | Systemic             | Local               |
| 3-methoxy-3-methylbutan-1-ol<br>CAS: 56539-66-3<br>EC: 260-252-4 | Oral       | Non-applicable | Non-applicable       | Non-applicable       | Non-applicable      |
|  | Dermal     | Non-applicable | Non-applicable       | 6,25 mg/kg           | Non-applicable      |
|  | Inhalation | Non-applicable | Non-applicable       | 18 mg/m <sup>3</sup> | Non-applicable      |
| sodium hydroxide<br>CAS: 1310-73-2<br>EC: 215-185-5              | Oral       | Non-applicable | Non-applicable       | Non-applicable       | Non-applicable      |
|  | Dermal     | Non-applicable | Non-applicable       | Non-applicable       | Non-applicable      |
|  | Inhalation | Non-applicable | Non-applicable       | Non-applicable       | 1 mg/m <sup>3</sup> |
| Diphenyl ether<br>CAS: 101-84-8<br>EC: 202-981-2                 | Oral       | Non-applicable | Non-applicable       | Non-applicable       | Non-applicable      |
|  | Dermal     | Non-applicable | Non-applicable       | 25 mg/kg             | Non-applicable      |
|  | Inhalation | Non-applicable | 14 mg/m <sup>3</sup> | 59 mg/m <sup>3</sup> | 7 mg/m <sup>3</sup> |

**DNEL (General population):**

| Identification   |            | Short exposure |                | Long exposure         |                     |
|--|------------|----------------|----------------|-----------------------|---------------------|
|  |            | Systemic       | Local          | Systemic              | Local               |
| 3-methoxy-3-methylbutan-1-ol<br>CAS: 56539-66-3<br>EC: 260-252-4 | Oral       | Non-applicable | Non-applicable | 2,5 mg/kg             | Non-applicable      |
|  | Dermal     | Non-applicable | Non-applicable | 3,1 mg/kg             | Non-applicable      |
|  | Inhalation | Non-applicable | Non-applicable | 4,4 mg/m <sup>3</sup> | Non-applicable      |
| sodium hydroxide<br>CAS: 1310-73-2<br>EC: 215-185-5              | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable      |
|  | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable      |
|  | Inhalation | Non-applicable | Non-applicable | Non-applicable        | 1 mg/m <sup>3</sup> |

**PNEC:**

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

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

| Identification |              |                |                         |             |
|----------------|--------------|----------------|-------------------------|-------------|
| Diphenyl ether | STP          | 10 mg/L        | Fresh water             | 0 mg/L      |
| CAS: 101-84-8  | Soil         | 0,018 mg/kg    | Marine water            | 0 mg/L      |
| EC: 202-981-2  | Intermittent | 0,005 mg/L     | Sediment (Fresh water)  | 0,093 mg/kg |
|                | Oral         | Non-applicable | Sediment (Marine water) | 0,009 mg/kg |

**8.2 Exposure controls:**

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

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

B.- Respiratory protection

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

C.- Specific protection for the hands

Non-applicable

D.- Ocular and facial protection

Non-applicable

E.- Body protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

**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

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                                     |
|---------------------------|-------------------------------------|
| V.O.C. (Supply):          | 5,57 % weight                       |
| V.O.C. density at 20 °C:  | 57,35 kg/m <sup>3</sup> (57,35 g/L) |
| Average carbon number:    | 6,42                                |
| Average molecular weight: | 122,35 g/mol                        |

**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:              | Transparent      |
| Colour:                  | Colourless       |
| Odour:                   | Characteristic   |
| Odour threshold:         | Non-applicable * |

**Volatility:**

|  |                        |
|--|------------------------|
| Boiling point at atmospheric pressure: | 103 °C                 |
| Vapour pressure at 20 °C:              | 2325 Pa                |
| Vapour pressure at 50 °C:              | 12251,1 Pa (12,25 kPa) |
| Evaporation rate at 20 °C:             | Non-applicable *       |

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

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

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

**Product description:**

|  |                               |
|--|-------------------------------|
| Density at 20 °C:                            | 1010 - 1050 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | 1,01 - 1,05                   |
| Dynamic viscosity at 20 °C:                  | Non-applicable *              |
| Kinematic viscosity at 20 °C:                | Non-applicable *              |
| Kinematic viscosity at 40 °C:                | Non-applicable *              |
| Concentration:                               | Non-applicable *              |
| pH:  | 8,5 - 9,5                     |
| Vapour density at 20 °C:                     | Non-applicable *              |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *              |
| Solubility in water at 20 °C:                | Non-applicable *              |
| Solubility properties:                       | Non-applicable *              |
| Decomposition temperature:                   | Non-applicable *              |
| Melting point/freezing point:                | Non-applicable *              |

**Flammability:**

|                            |                  |
|----------------------------|------------------|
| Flash Point:               | 75 °C            |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature:  | 225 °C           |
| Lower flammability limit:  | Non-applicable * |
| Upper flammability limit:  | Non-applicable * |

**Particle characteristics:**

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

**9.2 Other information:**

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

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

**Other safety characteristics:**

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

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

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

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

**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   | Not applicable          | Not applicable | Not applicable |

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

**SECTION 10: STABILITY AND REACTIVITY (continued)**

**10.5 Incompatible materials:**

| Acids          | Water          | Oxidising materials | Combustible materials | Others                        |
|----------------|----------------|---------------------|-----------------------|-------------------------------|
| Not applicable | Not applicable | Precaution          | 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 the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

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. However, it does 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: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

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

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.  
IARC: Coumarin (3); d-limonene (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: 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.

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: 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.

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

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

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

non applicable

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity  |                | Genus  |
|---|-----------------|----------------|--------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<br>CAS: 68424-85-1<br>EC: 270-325-2 | LD50 oral       | 500 mg/kg      | Rat    |
|   | LD50 dermal     | Non-applicable |        |
|   | LC50 inhalation | Non-applicable |        |
| Diphenyl ether<br>CAS: 101-84-8<br>EC: 202-981-2  | LD50 oral       | >5000 mg/kg    | Rat    |
|   | LD50 dermal     | 7940 mg/kg     | Rabbit |
|   | LC50 inhalation | 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:**

**Acute toxicity:**

| Identification  | Concentration          | Species                 | Genus      |
|---|------------------------|-------------------------|------------|
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<br>CAS: 68424-85-1<br>EC: 270-325-2 | LC50 0,85 mg/L (96 h)  | Oncorhynchus mykiss     | Fish       |
|   | EC50 0,016 mg/L (48 h) | Daphnia magna           | Crustacean |
|   | EC50 0,026 mg/L (72 h) | Desmodesmus subspicatus | Algae      |
| sodium hydroxide<br>CAS: 1310-73-2<br>EC: 215-185-5   | LC50 189 mg/L (48 h)   | Leuciscus idus          | Fish       |
|   | EC50 33 mg/L           | Crangon crangon         | Crustacean |
|   | EC50 Non-applicable    |                         |            |

**12.2 Persistence and degradability:**

| Identification  | Degradability |                | Biodegradability |                |
|---|---------------|----------------|------------------|----------------|
|   |               |                |                  |                |
| Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides<br>CAS: 68424-85-1<br>EC: 270-325-2 | BOD5          | Non-applicable | Concentration    | Non-applicable |
|   | COD           | Non-applicable | Period           | Non-applicable |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 60 %           |
| Diphenyl ether<br>CAS: 101-84-8<br>EC: 202-981-2  | BOD5          | Non-applicable | Concentration    | 5.6 mg/L       |
|   | COD           | Non-applicable | Period           | 20 days        |
|   | BOD5/COD      | Non-applicable | % Biodegradable  | 76 %           |

**12.3 Bioaccumulative potential:**

\*\* Changes with regards to the previous version



**ASEVI GERPOSTAR DISINFECTANT FLOORS**

**SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)**

| Identification | Bioaccumulation potential |      |
|----------------|---------------------------|------|
| Diphenyl ether | BCF                       | 196  |
| CAS: 101-84-8  | Pow Log                   | 4.21 |
| EC: 202-981-2  | Potential                 | High |

**12.4 Mobility in soil:**

| Identification | Absorption/desorption |                         | Volatility |                |
|----------------|-----------------------|-------------------------|------------|----------------|
| Diphenyl ether | Koc                   | 1960                    | Henry      | Non-applicable |
| CAS: 101-84-8  | Conclusion            | Low                     | Dry soil   | Non-applicable |
| EC: 202-981-2  | Surface tension       | 1,753E-2 N/m (258,4 °C) | Moist soil | Non-applicable |

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

Product fails to meet PBT/vPvB criteria

**12.6 Other adverse effects:**

Not described

\*\* Changes with regards to the previous version

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

| Code      | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|-------------|--|
| 20 01 19* | Pesticides  | Dangerous                                  |

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

HP14 Ecotoxic

**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:**

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

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

**SECTION 14: TRANSPORT INFORMATION**

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**ASEVI GERPOSTAR DISINFECTANT FLOORS**

**SECTION 14: TRANSPORT INFORMATION (continued)**

**Transport of dangerous goods by land:**

With regard to ADR 2021 and RID 2021:



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-tert-butylcyclohexyl acetate; Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
- 14.3 Transport hazard class(es):** 9  
Labels: 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**  
Special regulations: 274, 335, 375, 601  
Tunnel restriction code: -  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-tert-butylcyclohexyl acetate; Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
- 14.3 Transport hazard class(es):** 9  
Labels: 9
- 14.4 Packing group:** III
- 14.5 Marine pollutant:** Yes
- 14.6 Special precautions for user**  
Special regulations: 335, 969, 274  
EmS Codes: F-A, S-F  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L  
Segregation group: Non-applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2021:



- 14.1 UN number:** UN3082
- 14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-tert-butylcyclohexyl acetate; Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
- 14.3 Transport hazard class(es):** 9  
Labels: 9
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** Yes
- 14.6 Special precautions for user**  
Physico-Chemical properties: see section 9
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**SECTION 15: REGULATORY INFORMATION**

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

- CONTINUED ON NEXT PAGE -

**ASEVI GERPOSTAR DISINFECTANT FLOORS**

**SECTION 15: REGULATORY INFORMATION (continued)**

Composition of the active ingredients (Regulation (EU) No 528/2012): Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (2.5%); Hydrochloric acid (0.264%)

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

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

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

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

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

**Seveso III:**

| Section | Description           | Lower-tier requirements | Upper-tier requirements |
|---------|-----------------------|-------------------------|-------------------------|
| E1      | ENVIRONMENTAL HAZARDS | 100                     | 200                     |

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

Shall not be used in:

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

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

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

**Other legislation:**

The product could be affected by sectorial legislation

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

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

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 12):

- New declared substances  
sodium hydroxide (1310-73-2)

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

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H410: Very toxic to aquatic life with long lasting effects.

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

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

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

- Acute Tox. 4: H302 - Harmful if swallowed.
- Aquatic Acute 1: H400 - Very toxic to aquatic life.
- Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
- Eye Dam. 1: H318 - Causes serious eye damage.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Met. Corr. 1: H290 - May be corrosive to metals.
- Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
- Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

**Advice related to training:**

- CONTINUED ON NEXT PAGE -



## Safety data sheet

This SDS is an English translation of Regulation (EU) n° 2015/830, without any country-specific legislation

### ASEVI GERPOSTAR DISINFECTANT FLOORS

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

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

**Principal bibliographical sources:**

<http://echa.europa.eu>

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

**Abbreviations and acronyms:**

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

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

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 -