

**210103250 - SHUSIL MEDIUM A20 (B)  
250 ML**

Printing: 12-12-2024

Date of compilation: 11-7-2023

Revised: 25-8-2023

Version: 2 (Replaced 1)

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

- 1.1 Product identifier:** 210103250 - SHUSIL MEDIUM A20 (B)  
250 ML
- Other means of identification:**
- UFI:** GF52-7JC3-YX15-S5WX
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Animal care product: Filling material for horse hoof. For professional users only.  
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:**  
Glue-U Adhesives B.V.  
Droogdokkeneiland 8  
5026 SR Tilburg - The Netherlands  
Phone: +31 (0)13 545 31 18  
info@glue-u.com  
www.glue-u.com
- 1.4 Emergency telephone number:** +31 (0)6 24533395 Mon-Fri 08-17

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Hazard statements:**  
Not relevant  
**Precautionary statements:**  
Not relevant  
**Supplementary information:**  
EUH210: Safety data sheet available on request.  
**UFI:** GF52-7JC3-YX15-S5WX
- 2.3 Other hazards:**  
Product contains PBT/vPvB substances: Dodecamethylcyclohexasiloxane, Decamethylcyclopentasiloxane, Octamethylcyclotetrasiloxane  
Endocrine-disrupting properties: The product does not meet the criteria.

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

- 3.1 Substance:**  
Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Silicone-based mixed solvent  
**Components:**  
In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification  | Concentration                    |
|---|---|----------------------------------|
| CAS: 540-97-6<br>EC: 208-762-8<br>Index: Non-applicable<br>REACH: 01-2119517435-42-XXXX | <b>Dodecamethylcyclohexasiloxane</b> <sup>(1)</sup><br>Regulation 1272/2008 | Not classified<br><br>0,1 - <1 % |

<sup>(1)</sup> PBT/vPvB substance

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

| Identification  | Chemical name/Classification  | Concentration   |
|---|---|---|
| CAS: 541-02-6<br>EC: 208-764-9<br>Index: Non-applicable<br>REACH: 01-2119511367-43-XXXX | <b>Decamethylcyclopentasiloxane<sup>(1)</sup></b><br>Regulation 1272/2008   | Not classified<br><b>0,1 - &lt;1 %</b>  |
| CAS: 556-67-2<br>EC: 209-136-7<br>Index: 014-018-00-1<br>REACH: 01-2119529238-36-XXXX   | <b>Octamethylcyclotetrasiloxane<sup>(2)</sup></b><br>Regulation 1272/2008<br>Aquatic Chronic 4: H413; Flam. Liq. 3: H226; Repr. 2: H361 - Warning | Self-classified<br><br><b>0,1 - &lt;0,25 %</b> |

<sup>(1)</sup> PBT/vPvB substance

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

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

**By inhalation:**

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

**By skin contact:**

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

**By eye contact:**

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

**By ingestion/aspiration:**

In case of consumption, seek immediate medical assistance showing the SDS for the product.

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

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

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

Not relevant

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

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

**Unsuitable extinguishing media:**

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

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

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

**5.3 Advice for firefighters:**

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

**Additional provisions:**

## SECTION 5: FIREFIGHTING MEASURES (continued)

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

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

#### For emergency responders:

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

### 6.2 Environmental precautions:

It is recommended to avoid environmental spillage of both the product and its container.

### 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.- General precautions for safe use

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

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

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

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

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

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

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

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

#### A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 20 °C

Maximum time: 36 Months

#### B.- General conditions for storage

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

### 7.3 Specific end use(s):

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

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

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be assessed in the workplace:

There are no applicable occupational exposure limits for the substances contained in the product

**DNEL (Workers):**

| Identification  |            | Short exposure |                       | Long exposure          |                        |
|---|------------|----------------|-----------------------|------------------------|------------------------|
|   |            | Systemic       | Local                 | Systemic               | Local                  |
| Dodecamethylcyclohexasiloxane<br>CAS: 540-97-6<br>EC: 208-762-8 | Oral       | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Inhalation | Not relevant   | 6,1 mg/m <sup>3</sup> | 11 mg/m <sup>3</sup>   | 1,22 mg/m <sup>3</sup> |
| Decamethylcyclopentasiloxane<br>CAS: 541-02-6<br>EC: 208-764-9  | Oral       | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Inhalation | Not relevant   | Not relevant          | 97,3 mg/m <sup>3</sup> | 24,2 mg/m <sup>3</sup> |
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2<br>EC: 209-136-7  | Oral       | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant           |
|   | Inhalation | Not relevant   | Not relevant          | 73 mg/m <sup>3</sup>   | 73 mg/m <sup>3</sup>   |

**DNEL (General population):**

| Identification  |            | Short exposure |                       | Long exposure          |                       |
|---|------------|----------------|-----------------------|------------------------|-----------------------|
|   |            | Systemic       | Local                 | Systemic               | Local                 |
| Dodecamethylcyclohexasiloxane<br>CAS: 540-97-6<br>EC: 208-762-8 | Oral       | 1,7 mg/kg      | Not relevant          | 1,7 mg/kg              | Not relevant          |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant          |
|   | Inhalation | Not relevant   | 1,5 mg/m <sup>3</sup> | 2,7 mg/m <sup>3</sup>  | 0,3 mg/m <sup>3</sup> |
| Decamethylcyclopentasiloxane<br>CAS: 541-02-6<br>EC: 208-764-9  | Oral       | Not relevant   | Not relevant          | 5 mg/kg                | Not relevant          |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant          |
|   | Inhalation | Not relevant   | Not relevant          | 17,3 mg/m <sup>3</sup> | 4,3 mg/m <sup>3</sup> |
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2<br>EC: 209-136-7  | Oral       | Not relevant   | Not relevant          | 3,7 mg/kg              | Not relevant          |
|   | Dermal     | Not relevant   | Not relevant          | Not relevant           | Not relevant          |
|   | Inhalation | Not relevant   | Not relevant          | 13 mg/m <sup>3</sup>   | 13 mg/m <sup>3</sup>  |

**PNEC:**

| Identification  |              |              |                         |              |
|---|--------------|--------------|-------------------------|--------------|
| Dodecamethylcyclohexasiloxane<br>CAS: 540-97-6<br>EC: 208-762-8 | STP          | 1 mg/L       | Fresh water             | Not relevant |
|   | Soil         | 3,77 mg/kg   | Marine water            | Not relevant |
|   | Intermittent | Not relevant | Sediment (Fresh water)  | 13 mg/kg     |
| Decamethylcyclopentasiloxane<br>CAS: 541-02-6<br>EC: 208-764-9  | Oral         | 0,0667 g/kg  | Sediment (Marine water) | 1,3 mg/kg    |
|   | STP          | 10 mg/L      | Fresh water             | 0,0012 mg/L  |
|   | Soil         | 2,54 mg/kg   | Marine water            | 0,00012 mg/L |
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2<br>EC: 209-136-7  | Intermittent | Not relevant | Sediment (Fresh water)  | 11 mg/kg     |
|   | Oral         | 0,016 g/kg   | Sediment (Marine water) | 1,1 mg/kg    |
|   | STP          | 10 mg/L      | Fresh water             | 0,0015 mg/L  |
|   | Soil         | 0,54 mg/kg   | Marine water            | 0,00015 mg/L |
|   | Intermittent | Not relevant | Sediment (Fresh water)  | 3 mg/kg      |
|   | Oral         | 0,041 g/kg   | Sediment (Marine water) | 0,3 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

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



| Pictogram  | PPE   | Labelling   | CEN Standard | Remarks  |
|--|---|---|--------------|--|
| <br>Mandatory hand protection | Protective gloves against minor risks (Material: Fluorine Rubber, Breakthrough time: > 60 min, Thickness: 0,7 mm) |  |              | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018 |

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



**D.- Eye and face protection**

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

**E.- Body protection**

| Pictogram | PPE                  | Labelling   | CEN Standard      | Remarks   |
|-----------|----------------------|---|-------------------|---|
|           | Work clothing        |    |                   | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes |  | EN ISO 20347:2022 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2007                                 |

**F.- Additional emergency measures**

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

**Environmental exposure controls:**

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

**Volatile organic compounds:**

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

|                           |                                     |
|---------------------------|-------------------------------------|
| V.O.C. (Supply):          | 1,25 % weight                       |
| V.O.C. density at 20 °C:  | 13,71 kg/m <sup>3</sup> (13,71 g/L) |
| Average carbon number:    | 9,6                                 |
| Average molecular weight: | 355,96 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:              | Fluid      |
| Colour:                  | Colourless |
| Odour:                   | Odourless  |

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

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

Odour threshold: Not relevant \*

**Volatility:**

Boiling point at atmospheric pressure: Not relevant \*

Vapour pressure at 20 °C: Not relevant \*

Vapour pressure at 50 °C: Not relevant \*

Evaporation rate at 20 °C: Not relevant \*

**Product description:**

Density at 20 °C: >1080 kg/m<sup>3</sup>

Relative density at 20 °C: 1,097

Dynamic viscosity at 20 °C: <8000 cP

Kinematic viscosity at 20 °C: Not relevant \*

Kinematic viscosity at 40 °C: Not relevant \*

Concentration: Not relevant \*

pH: Not relevant \*

Vapour density at 20 °C: Not relevant \*

Partition coefficient n-octanol/water 20 °C: Not relevant \*

Solubility in water at 20 °C: Not relevant \*

Solubility properties: Not relevant \*

Decomposition temperature: >200 °C

Melting point/freezing point: Not relevant \*

**Flammability:**

Flash Point: >100 °C

Flammability (solid, gas): Not relevant \*

Autoignition temperature: 560 °C

Lower flammability limit: 4 % Volume

Upper flammability limit: 74 % Volume

**Particle characteristics:**

Median equivalent diameter: Non-applicable

**9.2 Other information:**

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

Explosive properties: Not relevant \*

Oxidising properties: Not relevant \*

Corrosive to metals: Not relevant \*

Heat of combustion: Not relevant \*

Aerosols-total percentage (by mass) of flammable components: Not relevant \*

**Other safety characteristics:**

Surface tension at 20 °C: Not relevant \*

Refraction index: Not relevant \*

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

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

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

**10.2 Chemical stability:**

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

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

**10.3 Possibility of hazardous reactions:**

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

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

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

**10.5 Incompatible materials:**

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

**10.6 Hazardous decomposition products:**

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

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

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

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

B- Inhalation (acute effect):

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

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

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

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 hazardous for the effects mentioned. For more information see section 3.  
IARC: Not relevant
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

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

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

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

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

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

H- Aspiration hazard:

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

**Other information:**

Not relevant

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity   | Genus         |
|---|--|---------------|
| Dodecamethylcyclohexasiloxane<br>CAS: 540-97-6<br>EC: 208-762-8 | LD50 oral >2000 mg/kg<br>LD50 dermal >2000 mg/kg<br>LC50 inhalation >20 mg/L |               |
| Decamethylcyclopentasiloxane<br>CAS: 541-02-6<br>EC: 208-764-9  | LD50 oral >2000 mg/kg<br>LD50 dermal >2000 mg/kg<br>LC50 inhalation >20 mg/L |               |
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2<br>EC: 209-136-7  | LD50 oral 61440 mg/kg<br>LD50 dermal 10000 mg/kg<br>LC50 inhalation >20 mg/L | Rat<br>Rabbit |

**Acute Toxicity Estimate (ATE mix):**

|            | ATE mix                             | Ingredient(s) of unknown toxicity |
|------------|-------------------------------------|-----------------------------------|
| Oral       | >2000 mg/kg (Calculation method)    | Non-applicable                    |
| Dermal     | >2000 mg/kg (Calculation method)    | Non-applicable                    |
| Inhalation | >20 mg/L (4 h) (Calculation method) | Non-applicable                    |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

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

**Other information**

Not relevant

**SECTION 12: ECOLOGICAL INFORMATION**

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

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

**12.1 Toxicity:**

**Acute toxicity:**

| Identification   | Concentration  | Species           | Genus |
|--|--|-------------------|-------|
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2<br>EC: 209-136-7 | LC50 500 mg/L (96 h)<br>EC50 Not relevant<br>EC50 Not relevant | Brachydanio rerio | Fish  |

**Chronic toxicity:**

| Identification  | Concentration                       | Species                              | Genus              |
|---|-------------------------------------|--------------------------------------|--------------------|
| Octamethylcyclotetrasiloxane<br>CAS: 556-67-2 EC: 209-136-7 | NOEC 0,0044 mg/L<br>NOEC 0,015 mg/L | Oncorhynchus mykiss<br>Daphnia magna | Fish<br>Crustacean |

**12.2 Persistence and degradability:**

Not available

**12.3 Bioaccumulative potential:**

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

**Substance-specific information:**

| Identification               | Bioaccumulation potential |           |
|------------------------------|---------------------------|-----------|
| Octamethylcyclotetrasiloxane | BCF                       | 12400     |
| CAS: 556-67-2                | Pow Log                   | 4,45      |
| EC: 209-136-7                | Potential                 | Very High |

**12.4 Mobility in soil:**

| Identification               | Absorption/desorption |                      | Volatility |              |
|------------------------------|-----------------------|----------------------|------------|--------------|
| Octamethylcyclotetrasiloxane | Koc                   | Not relevant         | Henry      | Not relevant |
| CAS: 556-67-2                | Conclusion            | Not relevant         | Dry soil   | Not relevant |
| EC: 209-136-7                | Surface tension       | 1,819E-2 N/m (25 °C) | Moist soil | Not relevant |

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

Product contains PBT/vPvB substances: Dodecamethylcyclohexasiloxane, Decamethylcyclopentasiloxane, Octamethylcyclotetrasiloxane

**12.6 Endocrine disrupting properties:**

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

**12.7 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

| Code     | Description  | Waste class (Regulation (EU) No 1357/2014) |
|----------|--|--|
| 16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 | Non-hazardous                              |

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

Not relevant

**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, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

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

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

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2023 and RID 2023:

- 14.1 UN number or ID number:** Not relevant
- 14.2 UN proper shipping name:** Not relevant
- 14.3 Transport hazard class(es):** Not relevant
- Labels: Not relevant
- 14.4 Packing group:** Not relevant
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
- Special regulations: Not relevant
- Tunnel restriction code: Not relevant
- Physico-Chemical properties: see section 9
- Limited quantities: Not relevant
- 14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

- CONTINUED ON NEXT PAGE -

## SECTION 14: TRANSPORT INFORMATION (continued)

### Transport of dangerous goods by sea:

With regard to IMDG 41-22:

|  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Marine pollutant:</b>  | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Special regulations:   | Not relevant  |
| EmS Codes:   |               |
| Physico-Chemical properties:   | see section 9 |
| Limited quantities:  | Not relevant  |
| Segregation group:   | Not relevant  |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

### Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

|  |               |
|--|---------------|
| <b>14.1 UN number or ID number:</b>                                  | Not relevant  |
| <b>14.2 UN proper shipping name:</b>                                 | Not relevant  |
| <b>14.3 Transport hazard class(es):</b>                              | Not relevant  |
| Labels:  | Not relevant  |
| <b>14.4 Packing group:</b>   | Not relevant  |
| <b>14.5 Environmental hazards:</b>                                   | No            |
| <b>14.6 Special precautions for user</b>                             |               |
| Physico-Chemical properties:   | see section 9 |
| <b>14.7 Maritime transport in bulk according to IMO instruments:</b> | Not relevant  |

## SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): *Dodecamethylcyclohexasiloxane (540-97-6)* ; *Decamethylcyclopentasiloxane (541-02-6)* ; *Octamethylcyclotetrasiloxane (556-67-2)*
- Regulation (EU) 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

#### Seveso III:

Not relevant

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

:

Contains Decamethylcyclopentasiloxane, Octamethylcyclotetrasiloxane, Dodecamethylcyclohexasiloxane. 1. | Shall not be placed on the market in wash-off cosmetic products in a concentration equal to or greater than 0,1 % by weight of either substance, after 31 January 2020. | 2. | For the purposes of this entry, "wash-off cosmetic products" means cosmetic products as defined in Article 2(1)(a) of Regulation (EC) No 1223/2009 that, under normal conditions of use, are washed off with water after application.

#### 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 Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885

Control of Substances Hazardous to Health Regulations 2002 (as amended)  
EH40/2005 Workplace exposure limits

## SECTION 15: REGULATORY INFORMATION (continued)

The Waste Regulations 2011, 2011 No. 988

### 15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

## SECTION 16: OTHER INFORMATION

### Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

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

Not relevant

### 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:

Aquatic Chronic 4: H413 - May cause long lasting harmful effects to aquatic life.

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

Repr. 2: H361 - Suspected of damaging fertility or the unborn child.

### Classification procedure:

Not relevant

### Advice related to training:

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

### Principal bibliographical sources:

<http://echa.europa.eu>

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

### Abbreviations and acronyms:

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

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer