

Trade name: Laborsil clear Comp. A

Substance number: 15301CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Laborsil clear Comp. A

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

#### Use of the substance/preparation

Matrix material for laboratory applications

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

#### Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research &amp; Development: Fax: +49 2303 8807-562

E-mail address of person responsible sicherheitsdatenblatt@dreve.com

for this SDS

### 1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Supplemental information

EUH210

Safety data sheet available on request.

### 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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**Chemical characterization**

Addition-vulcanising 2-component silicone

**Hazardous ingredients****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

CAS No. 68909-20-6

EINECS no. 272-697-1

Registration no. 01-2119379499-16

Concentration  $\geq 1$  < 10 %

Classification (Regulation (EC) No. 1272/2008)

STOT RE 2 H373

Name of set of nanoform Nanoagglomerate

Particle size distribution d50 2,5-50 nm

Method Transmission Electron Microscopy (TEM)

Shape and aspect ratio of particles Spheroidal

## SECTION 4: First aid measures

**4.1. Description of first aid measures****General information**

No special measures required

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

**After ingestion**

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media**Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit

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**Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection**



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## 8.1. Control parameters

### Other information

Contains no substances with occupational exposure limit values.

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.  
Wash hands before breaks and after work. Avoid contact with eyes.

### Respiratory protection

Not necessary.

### Hand protection

Not necessary.

### Eye protection

Not necessary.

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

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

|   |                    |
|---|--------------------|
| <b>Physical state</b>   | liquid, viscous    |
| <b>Colour</b>   | clear, transparent |
| <b>Odour</b>  | characteristic     |
| <b>Melting point</b>  |                    |
| Remarks   | not determined     |
| <b>Freezing point</b>   |                    |
| Remarks   | not determined     |
| <b>Boiling point or initial boiling point and boiling range</b> |                    |
| Value   | > 300 °C           |
| <b>Flammability</b>   |                    |
| evaluation  | not determined     |
| <b>Upper and lower explosive limits</b>                         |                    |
| Remarks   | not determined     |
| <b>Flash point</b>  |                    |
| Value   | > 130 °C           |
| Method  | closed cup         |
| <b>Ignition temperature</b>                                     |                    |
| Remarks   | not determined     |
| <b>Decomposition temperature</b>                                |                    |
| Remarks   | not determined     |
| <b>pH value</b>   |                    |
| Remarks   | not determined     |
| <b>Viscosity</b>  |                    |
| Remarks   | not determined     |
| <b>Solubility(ies)</b>  |                    |

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Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**

|             |     |    |                   |
|-------------|-----|----|-------------------|
| Value       | 1,1 |    | g/cm <sup>3</sup> |
| Temperature | 20  | °C |                   |

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks virtually insoluble

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

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**Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |  |       |
|---------|--|-------|
| Species | rat  |       |
| LD50    | > 5000                                     | mg/kg |
| Method  | OECD 401                                   |       |
| Remarks | Test conducted with a similar formulation. |       |

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |           |       |
|---------|-----------|-------|
| Species | rabbit    |       |
| LD50    | > 5000    | mg/kg |
| Source  | Analogous |       |

**Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |           |      |
|----------------------|-----------|------|
| Species              | rat       |      |
| LC50                 | > 5,01    | mg/l |
| Duration of exposure | 4         | h    |
| Administration/Form  | Dust/Mist |      |
| Source               | Analogous |      |

**Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

**Sensitization**

Remarks Based on available data, the classification criteria are not met.

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

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**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**Other information**

No toxicological data are available.

## SECTION 12: Ecological information

**12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                                |       |   |      |
|----------------------|--------------------------------|-------|---|------|
| Species              | zebra fish (Brachydanio rerio) |       |   |      |
| LC50                 | >                              | 10000 |   | mg/l |
| Duration of exposure |                                | 96    | h |      |
| Source               | Analogous                      |       |   |      |

**Daphnia toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |               |      |   |      |
|----------------------|---------------|------|---|------|
| Species              | Daphnia magna |      |   |      |
| EC50                 | >             | 1000 |   | mg/l |
| Duration of exposure |               | 48   | h |      |
| Source               | Analogous     |      |   |      |

**Algae toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                         |     |   |      |
|----------------------|-------------------------|-----|---|------|
| Species              | Desmodesmus subspicatus |     |   |      |
| EC50                 | >                       | 173 |   | mg/l |
| Duration of exposure |                         | 72  | h |      |
| Source               | Analogous               |     |   |      |

**Bacteria toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                  |      |   |      |
|----------------------|------------------|------|---|------|
| Species              | activated sludge |      |   |      |
| EC50                 | >                | 2500 |   | mg/l |
| Duration of exposure |                  | 3    | h |      |
| Method               | OECD 209         |      |   |      |
| Source               | Analogous        |      |   |      |

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |  |
|---------|--|
| Remarks | Inorganic product, cannot be eliminated from the water by biological purification processes. |
|---------|--|

**12.3. Bioaccumulative potential****General information**

not determined

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**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

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

not determined

**Results of PBT and vPvB assessment**

The product contains no PBT substances  
The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

not determined

**General information / ecology**

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Must not be disposed together with household garbage.  
Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**





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|                                  | Land transport ADR/RID   | Marine transport IMDG/GGVSee  | Air transport ICAO/IATA   |
|----------------------------------|--|---|---|
| 14.1. UN number or ID number     | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |
| 14.2. UN proper shipping name    | -  | -   | -   |
| 14.3. Transport hazard class(es) |  | -   | -   |
| Label                            |  |   |   |
| 14.4. Packing group              |  | -   | -   |

## SECTION 15: Regulatory information

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 2/3

H373 May cause damage to organs through prolonged or repeated exposure.

### CLP categories listed in Chapter 2/3

STOT RE 2 Specific target organ toxicity - repeated exposure, Category 2

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Laborsil clear Comp. B

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

#### Use of the substance/preparation

Matrix material for laboratory applications

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

#### Address/Manufacturer

Dreve Dentamid GmbH

Max-Planck-Straße 31

59423 Unna

Telephone no. +49 2303 8807-0

Fax no. +49 2303 8807-29

Information provided by / telephone Department Research &amp; Development: Fax: +49 2303 8807-562

E-mail address of person responsible sicherheitsdatenblatt@dreve.com

for this SDS

### 1.4. Emergency telephone number

Henkel Fire Department / 24h-Emergency-Contact-No.: +49 211 797-3350

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Supplemental information

EUH210 Safety data sheet available on request.

### 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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**Chemical characterization**

Addition-vulcanising 2-component silicone

**Hazardous ingredients****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

CAS No. 68909-20-6

EINECS no. 272-697-1

Registration no. 01-2119379499-16

Concentration  $\geq 1$  < 10 %

Classification (Regulation (EC) No. 1272/2008)

STOT RE 2 H373

Name of set of nanoform Nanoagglomerate

Particle size distribution d50 2,5-50 nm

Method Transmission Electron Microscopy (TEM)

Shape and aspect ratio of particles Spheroidal

## SECTION 4: First aid measures

**4.1. Description of first aid measures****General information**

No special measures required

**After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

**After ingestion**

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

**Adhere to personal protective measures when giving first aid**

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media**Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit

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**Non suitable extinguishing media**

Full water jet

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

In case of combustion evolution of dangerous gases possible.

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

**Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Observe the usual precautions for handling chemicals. For personal protection see Section 8.

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store product in closed containers.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection**

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## 8.1. Control parameters

### Other information

Contains no substances with occupational exposure limit values.

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat, drink or smoke during work time.  
Wash hands before breaks and after work. Avoid contact with eyes.

### Respiratory protection

Not necessary.

### Hand protection

Not necessary.

### Eye protection

Not necessary.

### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

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

|   |                    |    |
|---|--------------------|----|
| <b>Physical state</b>   | liquid, viscous    |    |
| <b>Colour</b>   | clear, transparent |    |
| <b>Odour</b>  | characteristic     |    |
| <b>Melting point</b>  |                    |    |
| Remarks   | not determined     |    |
| <b>Freezing point</b>   |                    |    |
| Remarks   | not determined     |    |
| <b>Boiling point or initial boiling point and boiling range</b> |                    |    |
| Value   | > 300              | °C |
| <b>Flammability</b>   |                    |    |
| evaluation  | not determined     |    |
| <b>Upper and lower explosive limits</b>                         |                    |    |
| Remarks   | not determined     |    |
| <b>Flash point</b>  |                    |    |
| Value   | > 130              | °C |
| Method  | closed cup         |    |
| <b>Ignition temperature</b>                                     |                    |    |
| Remarks   | not determined     |    |
| <b>Decomposition temperature</b>                                |                    |    |
| Remarks   | not determined     |    |
| <b>pH value</b>   |                    |    |
| Remarks   | not determined     |    |
| <b>Viscosity</b>  |                    |    |
| Remarks   | not determined     |    |
| <b>Solubility(ies)</b>  |                    |    |

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Remarks not determined

**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**

|             |     |    |                   |
|-------------|-----|----|-------------------|
| Value       | 1,1 |    | g/cm <sup>3</sup> |
| Temperature | 20  | °C |                   |

**Relative vapour density**

Remarks not determined

**9.2. Other information****Odour threshold**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Solubility in water**

Remarks virtually insoluble

**Explosive properties**

evaluation not determined

**Oxidising properties**

Remarks not determined

**Other information**

None known

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

No hazardous reactions known.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

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**Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute oral toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |  |       |
|---------|--|-------|
| Species | rat  |       |
| LD50    | > 5000                                     | mg/kg |
| Method  | OECD 401                                   |       |
| Remarks | Test conducted with a similar formulation. |       |

**Acute dermal toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |           |       |
|---------|-----------|-------|
| Species | rabbit    |       |
| LD50    | > 5000    | mg/kg |
| Source  | Analogous |       |

**Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |           |      |
|----------------------|-----------|------|
| Species              | rat       |      |
| LC50                 | > 5,01    | mg/l |
| Duration of exposure | 4         | h    |
| Administration/Form  | Dust/Mist |      |
| Source               | Analogous |      |

**Skin corrosion/irritation**

Remarks Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Remarks Based on available data, the classification criteria are not met.

**Sensitization**

Remarks Based on available data, the classification criteria are not met.

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Mutagenicity**

Remarks Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

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**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

**Other information**

No toxicological data are available.

## SECTION 12: Ecological information

**12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                                |       |   |      |
|----------------------|--------------------------------|-------|---|------|
| Species              | zebra fish (Brachydanio rerio) |       |   |      |
| LC50                 | >                              | 10000 |   | mg/l |
| Duration of exposure |                                | 96    | h |      |
| Source               | Analogous                      |       |   |      |

**Daphnia toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |               |      |   |      |
|----------------------|---------------|------|---|------|
| Species              | Daphnia magna |      |   |      |
| EC50                 | >             | 1000 |   | mg/l |
| Duration of exposure |               | 48   | h |      |
| Source               | Analogous     |      |   |      |

**Algae toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                         |     |   |      |
|----------------------|-------------------------|-----|---|------|
| Species              | Desmodesmus subspicatus |     |   |      |
| EC50                 | >                       | 173 |   | mg/l |
| Duration of exposure |                         | 72  | h |      |
| Source               | Analogous               |     |   |      |

**Bacteria toxicity (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|                      |                  |      |   |      |
|----------------------|------------------|------|---|------|
| Species              | activated sludge |      |   |      |
| EC50                 | >                | 2500 |   | mg/l |
| Duration of exposure |                  | 3    | h |      |
| Method               | OECD 209         |      |   |      |
| Source               | Analogous        |      |   |      |

**12.2. Persistence and degradability****General information**

not determined

**Biodegradability (Components)****Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)**

|         |  |
|---------|--|
| Remarks | Inorganic product, cannot be eliminated from the water by biological purification processes. |
|---------|--|

**12.3. Bioaccumulative potential****General information**

not determined



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**Partition coefficient n-octanol/water (log value)**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

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

not determined

**Results of PBT and vPvB assessment**

The product contains no PBT substances  
The product contains no vPvB substances.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

not determined

**General information / ecology**

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Must not be disposed together with household garbage.  
Dispose of waste according to applicable legislation.

**Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

**SECTION 14: Transport information**



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|                                  | Land transport ADR/RID   | Marine transport IMDG/GGVSee  | Air transport ICAO/IATA   |
|----------------------------------|--|---|---|
| 14.1. UN number or ID number     | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | The product does not constitute a hazardous substance in air transport. |
| 14.2. UN proper shipping name    | -  | -   | -   |
| 14.3. Transport hazard class(es) |  | -   | -   |
| Label                            |  |   |   |
| 14.4. Packing group              |  | -   | -   |

## SECTION 15: Regulatory information

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 2/3

H373 May cause damage to organs through prolonged or repeated exposure.

### CLP categories listed in Chapter 2/3

STOT RE 2 Specific target organ toxicity - repeated exposure, Category 2

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.