



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

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. 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

Department Research & Development: Fax: +49 2303 8807-562

by / telephone

E-mail address of

sicherheitsdatenblatt@dreve.com

person responsible

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



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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 ≥ 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, CO₂, powders, water spray/mist, Extinguishing measures to suit

Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

surroundings

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



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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

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



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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 ³ |
| 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**



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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

Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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

Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

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



Trade name: Laborsil clear Comp. B

Substance number: 15302CLEAR

Version: 1 / GB

Date revised: 02.08.2023

Replaces Version: - / GB

Print date: 02.08.2023

| | 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.