



Trade name: Laborsil pro 90 Comp. B

Substance number: 37302L90

Version: 1 / GB

Date revised: 10.08.2023

Replaces Version: - / GB

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

### 1.1. Product identifier

Laborsil pro 90 Comp. B

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

#### Use of the substance/preparation

Laboratory putty with high final hardness

### 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****Cristobalite**

|  |            |    |      |   |
|--|------------|----|------|---|
| CAS No.  | 14464-46-1 |    |      |   |
| EINECS no.                                     | 238-455-4  |    |      |   |
| Concentration                                  | >=         | 50 |      | % |
| Classification (Regulation (EC) No. 1272/2008) | STOT RE 1  |    | H372 |   |

**White mineral oil**

|  |                  |   |      |      |
|--|------------------|---|------|------|
| CAS No.  | 8042-47-5        |   |      |      |
| EINECS no.                                     | 232-455-8        |   |      |      |
| Registration no.                               | 01-2119487078-27 |   |      |      |
| Concentration                                  | >=               | 1 | <    | 10 % |
| Classification (Regulation (EC) No. 1272/2008) | Asp. Tox. 1      |   | H304 |      |

**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. 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**



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**Suitable extinguishing media**

Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist, Extinguishing measures to suit surroundings

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

In case of combustion use a suitable breathing apparatus.

**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****8.1. Control parameters****Exposure limit values****White mineral oil**

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Value 5 mg/m<sup>3</sup>  
 Short term exposure limit 20 mg/m<sup>3</sup>  
 Maximum limit value: 4(II) Pregnancy group: Y; Status: Sept 2015; Remarks: DGF

**Other information**

Contains no substances with occupational exposure limit values.

**Derived No/Minimal Effect Levels (DNEL/DMEL)****White mineral oil**

|                      |                                |                   |
|----------------------|--------------------------------|-------------------|
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Worker                         |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | inhalative                     |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 164,6                          | mg/m <sup>3</sup> |
|                      |                                |                   |
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Worker                         |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | dermal                         |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 217,1                          | mg/kg/d           |
|                      |                                |                   |
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Consumer                       |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | inhalative                     |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 34,78                          | mg/m <sup>3</sup> |
|                      |                                |                   |
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Consumer                       |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | dermal                         |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 93,02                          | mg/kg/d           |
|                      |                                |                   |
| Type of value        | Derived No Effect Level (DNEL) |                   |
| Reference group      | Consumer                       |                   |
| Duration of exposure | Repeated exposure              |                   |
| Route of exposure    | oral                           |                   |
| Mode of action       | Systemic effects               |                   |
| Concentration        | 25                             | mg/kg/d           |

**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.



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**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>   | Kneadable      |     |                   |
| <b>Colour</b>   | dark grey      |     |                   |
| <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>  |                |     |                   |
| Remarks   | Not applicable |     |                   |
| <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>  |                |     |                   |
| Remarks   | not determined |     |                   |
| <b>Partition coefficient n-octanol/water (log value)</b>        |                |     |                   |
| Remarks   | not determined |     |                   |
| <b>Vapour pressure</b>  |                |     |                   |
| Remarks   | not determined |     |                   |
| <b>Density and/or relative density</b>                          |                |     |                   |
| Value   | 1,66           |     | g/cm <sup>3</sup> |
| Temperature   | 20             | °C  |                   |
| <b>Relative vapour density</b>                                  |                |     |                   |
| Remarks   | not determined |     |                   |
| <b>9.2. Other information</b>                                   |                |     |                   |
| <b>Odour threshold</b>  |                |     |                   |
| Remarks   | not determined |     |                   |
| <b>Evaporation rate (ether = 1) :</b>                           |                |     |                   |



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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

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

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

**Acute oral toxicity (Components)****White mineral oil**

|         |          |      |       |
|---------|----------|------|-------|
| Species | rat      |      |       |
| LD50    | >        | 5000 | mg/kg |
| Method  | OECD 401 |      |       |

**Acute dermal toxicity**

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

**Acute dermal toxicity (Components)****White mineral oil**

|         |          |      |       |
|---------|----------|------|-------|
| Species | rabbit   |      |       |
| LD50    | >        | 2000 | mg/kg |
| Method  | OECD 402 |      |       |

**Acute inhalational toxicity**

|                     |  |    |      |
|---------------------|--|----|------|
| ATE                 | >  | 20 | mg/l |
| Administration/Form | Dust/Mist  |    |      |
| Method              | calculated value (Regulation (EC) No. 1272/2008) |    |      |



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

**Acute inhalative toxicity (Components)****White mineral oil**

|                      |           |   |   |      |
|----------------------|-----------|---|---|------|
| Species              | rat       |   |   |      |
| LC50                 | >         | 5 |   | mg/l |
| Duration of exposure |           | 4 | h |      |
| Administration/Form  | Dust/Mist |   |   |      |
| Method               | OECD 403  |   |   |      |

**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.

**Specific Target Organ Toxicity (STOT) (Components)****Cristobalite****Repeated exposure**

evaluation Causes damage to organs through prolonged or repeated exposure  
Route of exposure inhalative

**Aspiration hazard**

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

**Aspiration hazard (Components)****White mineral oil**

Harmful: may cause lung damage if swallowed.

**11.2 Information on other hazards****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.

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## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

#### Fish toxicity (Components)

##### White mineral oil

|                      |                                       |       |   |      |
|----------------------|---------------------------------------|-------|---|------|
| Species              | golden orfe ( <i>Leuciscus idus</i> ) |       |   |      |
| LC50                 | >                                     | 10000 |   | mg/l |
| Duration of exposure |                                       | 96    | h |      |
| Method               | OECD 203                              |       |   |      |

#### Daphnia toxicity (Components)

##### White mineral oil

|                      |               |     |   |      |
|----------------------|---------------|-----|---|------|
| Species              | Daphnia magna |     |   |      |
| LL50                 | >             | 100 |   | mg/l |
| Duration of exposure |               | 48  | h |      |
| Method               | OECD 202      |     |   |      |

##### White mineral oil

|                      |               |    |   |      |
|----------------------|---------------|----|---|------|
| Species              | Daphnia magna |    |   |      |
| NOEC                 |               | 10 |   | mg/l |
| Duration of exposure |               | 21 | d |      |
| Method               | OECD 211      |    |   |      |

#### Algae toxicity (Components)

##### White mineral oil

|                      |                                 |     |   |      |
|----------------------|---------------------------------|-----|---|------|
| Species              | Pseudokirchneriella subcapitata |     |   |      |
| LOEC                 | >=                              | 100 |   | mg/l |
| Duration of exposure |                                 | 72  | h |      |
| Method               | OECD 201                        |     |   |      |

### 12.2. Persistence and degradability

#### General information

not determined

#### Biodegradability (Components)

##### White mineral oil

|                             |               |    |   |   |
|-----------------------------|---------------|----|---|---|
| Value                       |               | 31 |   | % |
| Duration of test evaluation |               | 28 | d |   |
|                             | biodegradable |    |   |   |

### 12.3. Bioaccumulative potential

#### General information

not determined

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

Remarks not determined

#### Octanol/water partition coefficient (log Pow) (Components)

##### White mineral oil

|             |                  |     |    |      |
|-------------|------------------|-----|----|------|
| log Pow     | <=               | 4,3 | to | 18,2 |
| Temperature |                  | 20  | °C |      |
| Source      | calculated value |     |    |      |



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## 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 discharge product unmonitored into the environment.

## 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

H304 May be fatal if swallowed and enters airways.  
H372 Causes damage to organs through prolonged or repeated exposure.

### CLP categories listed in Chapter 2/3

Asp. Tox. 1 Aspiration hazard, Category 1  
STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1

### 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.