

Trade name: Dublilil 15 Comp. A

Substance number: 23101

Version: 2 / GB

Date revised: 11.05.2023

Replaces Version: 1 / GB

Print date: 11.05.2023

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

### 1.1. Product identifier

Dublilil 15 Comp. A

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

#### Use of the substance/preparation

Addition-vulcanising duplication silicone for the dental duplication technique

### 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  
for this SDS

sicherheitsdatenblatt@dreve.com

### 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	>= 25	<	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	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

EINECS no.	920-114-2			
Registration no.	01-2119459347-30			
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**

Remove contaminated, soaked clothing immediately and dispose of safely. In all cases of doubt, or when symptoms persist, seek medical attention.

**After inhalation**

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

**After skin contact**

Wash skin thoroughly with soap and water or use recognised skin cleanser. 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. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

**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**

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**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 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**

Keep container tightly closed. No special measures necessary if stored and handled as prescribed.

**Advice on protection against fire and explosion**

No special measures required.

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

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**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**List TRGS 900  
Type AGW

A

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)	
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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.

### 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	
<b>Colour</b>	white	
<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>		



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Remarks not determined

**Solubility(ies)**

Remarks not determined

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

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**Value 1,25 g/cm<sup>3</sup>**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 no

**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**

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## 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		

#### Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

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)

#### White mineral oil

Species	rabbit		
LD50	>	2000	mg/kg
Method	OECD 402		

#### Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species	rabbit		
LD50	>	3160	mg/kg
Method	OECD 402		

### Acute inhalational toxicity

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		

#### Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics

Species	rat		
LC50	>	5266	mg/m <sup>3</sup>
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.

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**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.

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

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.

**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	

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )	
NOELR	> 1000	mg/l
Duration of exposure	28	d
Remarks	The details of the toxic effect relate to the nominal concentration.	

**Daphnia toxicity (Components)**



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**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		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	Acartia tonsa		
LL50	> 3193		mg/l
Duration of exposure	48	h	
Remarks	The details of the toxic effect relate to the nominal concentration.		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	Daphnia magna		
NOELR	5		mg/l
Duration of exposure	21	d	
Remarks	The details of the toxic effect relate to the nominal concentration.		

**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		

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

not determined

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



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**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.  
Do not allow to enter drains or water courses.

**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**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number or ID number</b>	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.
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>		-	-
Label			
<b>14.4. Packing group</b>		-	-
<b>14.5. Environmental hazards</b>	-	no	-

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## 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.

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

### 1.1. Product identifier

Dublilil 15 Comp. B

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

#### Use of the substance/preparation

Addition-vulcanising duplication silicone for the dental duplication technique

### 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	>= 25	<	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		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

EINECS no.	920-114-2				
Registration no.	01-2119459347-30				
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 - 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

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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 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.



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**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**

List	TRGS 900	
Type	AGW	
A		
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	

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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.

### 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	
<b>Colour</b>	green	
<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>		
<b>kinematic</b>		
Value	> 100	mm <sup>2</sup> /s





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Temperature 40 °C

**Solubility(ies)**

Remarks not determined

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

Remarks not determined

**Vapour pressure**

Remarks not determined

**Density and/or relative density**Value appr. 1,26 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.



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**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		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

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)****White mineral oil**

Species	rabbit		
LD50	> 2000		mg/kg
Method	OECD 402		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rabbit		
LD50	> 3160		mg/kg
Method	OECD 402		

**Acute inhalational toxicity**

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		

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rat		
LC50	> 5266		mg/m <sup>3</sup>
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**



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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.

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

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.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

not determined

**Fish toxicity (Components)****White mineral oil**

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

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rainbow trout (Oncorhynchus mykiss)	
NOELR	> 1000	mg/l

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Duration of exposure 28 d  
 Remarks The details of the toxic effect relate to the nominal concentration.

**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

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species Acartia tonsa  
 LL50 > 3193 mg/l  
 Duration of exposure 48 h  
 Remarks The details of the toxic effect relate to the nominal concentration.

**Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species Daphnia magna  
 NOELR 5 mg/l  
 Duration of exposure 21 d  
 Remarks The details of the toxic effect relate to the nominal concentration.

**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 28 d  
 evaluation 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

**12.4. Mobility in soil**

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**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		-	-
14.5. Environmental hazards	-	no -	-

## 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.