



Trade name: Dynax light Comp. A

Substance number: F44841

Version: 1 / GB

Date revised: 10.02.2023

Replaces Version: - / GB

Print date: 24.03.2023

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

### 1.1. Product identifier

Dynax light Comp. A

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

#### Use of the substance/preparation

Dental impression material on the base of vinylpolysiloxane

### 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 &amp; 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

#### Chemical characterization

Hydrophilic, addition-vulcanising 2-component silicone



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**Hazardous ingredients****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	

**Cristobalite**

CAS No.	14464-46-1			
EINECS no.	238-455-4			
Concentration	>= 10	<	25	%
Classification (Regulation (EC) No. 1272/2008)	STOT RE 1		H372	

**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 surroundings**Non suitable extinguishing media**



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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****8.1. Control parameters****Other information**



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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, slightly viscous	
<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>		
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>		
Value	435	°C
<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>		



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Remarks not determined

**Vapour pressure**Value 100 hPa  
Temperature 20 °C**Density and/or relative density**Value 1,23 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 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****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.



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**Acute oral toxicity (Components)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**Acute dermal toxicity**

Remarks	Based on available data, the classification criteria are not met.
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**Acute dermal toxicity (Components)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

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

**Acute inhalative toxicity (Components)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rat	
LC50	> 5266	mg/m <sup>3</sup>
Duration of exposure	4	h
Administration/Form	Vapors	
Method	OECD 403	

**Skin corrosion/irritation**

Remarks	Based on available data, the classification criteria are not met.
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**Serious eye damage/irritation**

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

Remarks	Based on available data, the classification criteria are not met.
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**Subacute, subchronic, chronic toxicity**

Remarks	not determined
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**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.
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**Carcinogenicity**

Remarks	Based on available data, the classification criteria are not met.
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**Specific Target Organ Toxicity (STOT)****Single exposure**

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

Remarks	Based on available data, the classification criteria are not met.
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**Specific Target Organ Toxicity (STOT) (Components)****Cristobalite****Repeated exposure**

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

**Aspiration hazard**

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

**Aspiration hazard (Components)****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)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	87556		mg/l
Duration of exposure	96	h	
Remarks	The details of the toxic effect relate to the nominal concentration.		

**Daphnia toxicity (Components)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Species	Daphnia magna		
EC50	1000		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		
NOEC	5		mg/l
Duration of exposure	28	d	
Remarks	The details of the toxic effect relate to the nominal concentration.		

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

not determined

**Ready degradability (Components)****Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics**

Value	74		%
Duration of test	28	d	

**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**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN 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)		-	-





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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 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 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.