

Trade name: Technobase 8000 Powder

Version: 2 / GB

Date revised: 01.02.2023

Substance number: R-16258P

Replaces Version: 1 / GB

Print date: 01.02.2023

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

### **1.1. Product identifier**

Technobase 8000 Powder

#### **Substance / product identification**

PR-No. 16251, 16258, 16259

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

#### **Use of the substance/preparation**

Resin for the treatment of claws and extracutaneous splinting.

#### **Uses advised against**

Keine weiteren Relevanten Informationen verfügbar.

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

#### **Address/Manufacturer**

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-302

E-mail address of person responsible sdb-team@kerbl.com

for this SDS

### **1.4. Emergency telephone number**

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

For England (NHS 111) call: 111

For Scotland (NHS24) call: 111

For Wales (NHS Direct) call: 111

When it's less urgent than: 999

For Northern Ireland call: GP Out-of-Hours (www.gpoutofhours.hscni.net)

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

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

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Aquatic Chronic 2 H411

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

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

#### **Hazard pictograms**



Can Agri Rydziński Spółka komandytowa  
Małopole ul. Przemysłowa 11, 05-252 Dąbrówka  
REGON 146499609 NIP 1251619714  
KRS 0000447544 BDO 000050135



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**Hazard statements**

H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.  
 P391 Collect spillage.  
 P501.1 Dispose of contents/container to industrial incineration plant.  
 EUH208 Contains Dibenzoyl peroxide, May produce an allergic reaction.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****Dibenzoyl peroxide**

CAS No.	94-36-0				
EINECS no.	202-327-6				
Concentration	>=	0,25	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
	Self-react. B			H241	
	Org. Perox. B			H241	
	Skin Sens. 1			H317	
	Eye Irrit. 2			H319	
	Aquatic Acute 1			H400	
	Aquatic Chronic 1			H410	

Concentration limits (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	H400	M = 10
Aquatic Chronic 1	H410	M = 10
1		

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of persistent symptoms consult doctor.

**After inhalation**

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

**After skin contact**

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
 Continue rinsing. In case of irritation consult an oculist.

**After ingestion**

Rinse out mouth and give plenty of water to drink. If you feel unwell, consult a doctor.

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

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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**

Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet, Alcohol-resistant foam

##### **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. Combustible solids. Fine dust clouds can form explosive mixtures with air. In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

#### **5.3. Advice for firefighters**

##### **Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

##### **Other information**

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid dust formation. Keep away sources of ignition.

#### **6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. Knock down dust with water spray jet.

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

Pick up mechanically. Send in suitable containers for recovery or disposal. Dispose of absorbed material in accordance with the 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**

Provide exhaust ventilation if dust is formed. Avoid skin contact with the product. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid dust formation. Dust deposits that cannot be avoided must be taken up regularly. Handling: Do not mix with. Strong bases. Strong acids. Reducing agents. Metals

##### **Advice on protection against fire and explosion**

Use explosion-proof equipment/fittings and non-sparking tools. Take action to prevent static discharges.

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Do not spray against a flame or on a glowing object. Dust can form an explosive mixture with air. Keep away from sources of ignition - No smoking.

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

**Requirements for storage rooms and vessels**

Store in a cool and dry place. Keep container tightly closed.

**Hints on storage assembly**

None known

**Storage classes**

Storage class according to TRGS 510      11                      Combustible solids

**Further information on storage conditions**

Keep in a cool place. Do not store above room temperature. Protect from moisture and water.

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

**8.1. Control parameters**

**Exposure limit values**

**Dibenzoyl peroxide**

Value    5                      mg/m<sup>3</sup>

Status: 2021; Remarks: lt. IFA Gestis ILV

**Other information**

There are not known any further control parameters.

**Derived No/Minimal Effect Levels (DNEL/DMEL)**

**Dibenzoyl peroxide**

Type of value	Derived No Effect Level (DNEL)	
Reference group	General Population	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	2	mg/kg

Type of value	Derived No Effect Level (DNEL)	
Reference group	Industrial use	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	13,3	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Industrial use	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	39	mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC)**

**Dibenzoyl peroxide**

Type of value	PNEC	
Type	Freshwater	
Concentration	0,00002	mg/l

Type of value	PNEC	
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Type	Marine		
Concentration	0,000002		mg/l
Type of value	PNEC		
Type	Sewage treatment plant (STP)		
Concentration	0,35		mg/l
Type of value	PNEC		
Type	Marine sediment		
Concentration	0,001		mg/kg
Type of value	PNEC		
Type	Soil		
Concentration	0,003		mg/kg
Type of value	PNEC		
Type	Freshwater sediment		
Concentration	0,013		mg/kg

## 8.2. Exposure controls

### General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat or drink during work time. Avoid contact with skin and eyes. Do not breathe dust. Do not inhale fumes. Do not inhale mist. Wash hands before breaks and after work.

### Respiratory protection

Particle filter P2; In case of insufficient ventilation, wear suitable respiratory equipment.

### Hand protection

impermeable gloves

Appropriate Material	Acryl nitrile		
Material thickness	0,11		mm
Breakthrough time	> 30		min

The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Appropriate Material	Butyl rubber		
Material thickness	0,11		mm
Breakthrough time	> 30		min

Hand protection must comply with EN 374.

### Eye protection

Eye protection must comply with EN 166.

### Body protection

Light protective clothing

## SECTION 9: Physical and chemical properties

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

Physical state	Powder
Colour	According to product specification
Odour	odourless
Melting point	
Remarks	not determined

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**Freezing point**

Remarks not determined

**Boiling point or initial boiling point and boiling range**

Remarks not determined

**Flammability**

Not applicable

**Upper and lower explosive limits**

Remarks not determined

**Flash point**

Remarks Not applicable

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Remarks not determined

**pH value**

Remarks not determined

**Viscosity**

Remarks Not applicable

**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**

Remarks not determined

**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 Not or little miscible.

**Explosive properties**

evaluation The product is not explosive, but the formation of explosive dust/air mixtures is possible.

**Oxidising properties**

Remarks not determined

**Other information**

None known

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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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**

Heat. Flames and sparks. Protect from atmospheric moisture and water. Avoid dust formation.

**10.5. Incompatible materials**

Reactions with strong acids. Bases, Reducing agents, Reactions with various metals.

**10.6. Hazardous decomposition products**

No data available.

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

Remarks not determined

**Acute oral toxicity (Components)****Dibenzoyl peroxide**

Species	mouse		
LD0	> 2000		mg/kg
Method	OECD 401		

**Acute dermal toxicity**

Remarks not determined

**Acute inhalational toxicity**

Remarks not determined

**Acute inhalative toxicity (Components)****Dibenzoyl peroxide**

Species	rat		
LC0	24,3		ppm(V)
Duration of exposure	4	h	
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 Based on available data, the classification criteria are not met.

**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.



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**Specific Target Organ Toxicity (STOT)**

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

**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**

There is no data available on the product apart from the information given in this subsection.

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

not determined

**Fish toxicity (Components)****Dibenzoyl peroxide**

Species	Fish		
LC50	0,06		mg/l
Duration of exposure	96	h	
Method	OECD 203		

**Dibenzoyl peroxide**

Species	Fish		
NOEC	0,032		mg/l
Duration of exposure	96	h	
Method	OECD 203		

**Daphnia toxicity (Components)****Dibenzoyl peroxide**

Species	Daphnia magna		
EC50	0,11		mg/l
Duration of exposure	48	h	
Method	OECD 202		

**Dibenzoyl peroxide**

Species	Daphnia magna		
NOEC	0,076		mg/l
Duration of exposure	48	h	
Method	OECD 202		

**Dibenzoyl peroxide**

Species	Daphnia magna		
ErC10	0,001		mg/l
Duration of exposure	21	d	
Method	OECD 211		

**Algae toxicity (Components)****Dibenzoyl peroxide**

Species	Algae		
EC50	0,042		mg/l
Duration of exposure	72	h	
Method	OECD 201		

**Dibenzoyl peroxide**

Species	Algae		
ErC50	0,071		mg/l
Duration of exposure	72	h	

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Method	OECD 201		
<b>Dibenzoyl peroxide</b>			
Species	Algae		
NOEC	0,02		mg/l
Duration of exposure	72	h	
Method	OECD 201		

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

not determined

**Biodegradability (Components)****Dibenzoyl peroxide**

Value	71		%
Duration of test	28	d	
Method	OECD 301D		

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

not determined

**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 applicable

**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.

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

Small quantities can be cured together with the other system component(s) and disposed of with household waste.

**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
Tunnel restriction code	-		
14.1. UN number	3077	3077	3077
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dibenzoyl peroxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dibenzoyl peroxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dibenzoyl peroxide)
14.3. Transport hazard class(es)	9	9	9
Label			
14.4. Packing group	III	III	III
Remarks		Limited quantities (LQ) 5 KG	
Limited Quantity	5 kg		
Transport category	3		
14.5. Environmental hazards		no	

**Information for all modes of transport**

**14.6. Special precautions for user**

The relevant transport regulations have to be considered.

**Other information**

**14.7 Maritime transport in bulk according to IMO instruments**

no data

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Major-accident categories acc. 2012/18/EU**

Category	E2	Hazardous to the Aquatic Environment	200	tonnes
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**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**

H241	Heating may cause a fire or explosion.
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H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**CLP categories listed in Chapter 3**

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Org. Perox. B	Organic peroxide, Type B
Self-react. B	Self-reactive substance or mixture, Type B
Skin Sens. 1	Skin sensitization, 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. Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.