



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 1 of 6

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

### 1.1. Product identifier

KaVo PROPHYpearls

**Product code:**

1.010.1826  
1.010.1828  
1.010.1829  
1.010.1830  
1.010.1831

**Further trade names**

PROPHYpearls® neutral, PROPHYpearls® mint, PROPHYpearls® peach, PROPHYpearls® orange, PROPHYpearls® black currant

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

**Use of the substance/mixture**

The product is intended for professional use.

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

|               |                                                         |                                |
|---------------|---------------------------------------------------------|--------------------------------|
| Company name: | Kaltenbach & Voigt GmbH                                 |                                |
| Street:       | Bismarckring 39                                         |                                |
| Place:        | D-88400 Biberach                                        |                                |
| Telephone:    | +49 (0) 7351 56 0                                       | Telefax: + 49 (0) 7351 56 1488 |
| e-mail:       | sdb@kavo.com                                            |                                |
| Internet:     | <a href="http://www.kavo.com/">http://www.kavo.com/</a> |                                |

**1.4. Emergency telephone number:** +49 (0) 7351 56 4000 (24 h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Directive 67/548/EEC or 1999/45/EC**

This mixture is not classified as hazardous according to Directive 1999/45/EC.

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

### 2.2. Label elements

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Chemical characterization**

Contains:

<= 0,5 % Calcium fluoride CAS No.: 7789-75-5

## SECTION 4: First aid measures

### 4.1. Description of first aid measures



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 2 of 6

#### After inhalation

Provide fresh air. Call a doctor if you feel unwell.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin irritation, seek medical treatment.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. When in doubt or if symptoms are observed, get medical advice.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No information available.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

### SECTION 5: Firefighting measures

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

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

Co-ordinate fire-fighting measures to the fire surroundings.

##### **Unsuitable extinguishing media**

High power water jet.

#### **5.2. Special hazards arising from the substance or mixture**

Non-flammable.

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

In case of fire: Wear self-contained breathing apparatus. Wear protective gloves/protective clothing/eye protection/face protection.

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

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

No special measures are necessary.

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

No special measures are necessary.

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

Stop leak if safe to do so. Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Open and handle container with care.



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 3 of 6

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Store in a dry place. Keep/Store only in original container.

##### Advice on storage compatibility

No special measures are necessary.

#### 7.3. Specific end use(s)

The product is intended for professional use.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### Eyeface protection

Wear eye/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

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

|                 |                                    |
|-----------------|------------------------------------|
| Physical state: | solid                              |
| Colour:         | This information is not available. |
| Odour:          | This information is not available. |

#### Test method

|           |                |
|-----------|----------------|
| pH-Value: | not determined |
|-----------|----------------|

##### Changes in the physical state

|                                          |                |
|------------------------------------------|----------------|
| Melting point:                           | not determined |
| Initial boiling point and boiling range: | not determined |
| Flash point:                             | not applicable |

##### Flammability

|        |                |
|--------|----------------|
| Solid: | not determined |
|--------|----------------|



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 4 of 6

Gas: not applicable

#### **Explosive properties**

not determined

Lower explosion limits:

not determined

Upper explosion limits:

not determined

#### **Auto-ignition temperature**

Solid:

not determined

Gas:

not applicable

Decomposition temperature:

not determined

#### **Oxidizing properties**

Not oxidizing.

Vapour pressure:

not determined

Density:

not determined

Water solubility:

slightly soluble

#### **Solubility in other solvents**

Soluble in: acid.

Partition coefficient:

not determined

Viscosity / dynamic:

not determined

Viscosity / kinematic:

not determined

Vapour density:

not determined

Evaporation rate:

not determined

#### **9.2. Other information**

No information available.

### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

#### **10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

#### **10.4. Conditions to avoid**

none

#### **10.5. Incompatible materials**

No information available.

#### **10.6. Hazardous decomposition products**

No information available.

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

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

##### **Irritation and corrosivity**

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



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 5 of 6

#### **Sensitising effects**

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

#### **STOT-single exposure**

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

#### **Severe effects after repeated or prolonged exposure**

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

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### **Aspiration hazard**

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

#### **Additional information on tests**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

### SECTION 12: Ecological information

#### **12.1. Toxicity**

The product is not: Ecotoxic.

#### **12.2. Persistence and degradability**

The product has not been tested.

#### **12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

#### **12.4. Mobility in soil**

The product has not been tested.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### **12.6. Other adverse effects**

No information available.

#### **Further information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### **Contaminated packaging**

Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

##### **14.1. UN number:**

No dangerous good in sense of this transport regulation.

##### **14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

##### **14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

##### **14.4. Packing group:**

No dangerous good in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

##### **14.1. UN number:**

No dangerous good in sense of this transport regulation.

##### **14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

##### **14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.



## Safety Data Sheet

KaVo. Dental Excellence.

according to Regulation (EC) No 1907/2006

SDB\_10038

### KaVo PROPHYpearls

Page 6 of 6

#### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

### SECTION 15: Regulatory information

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

##### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The provision of safety data sheets for medical devices is not mandatory. If the cited product is a medical device, the safety data sheet is offered on a voluntary basis without any associated legal obligations.