

Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name: PROPHYpearls™ (neutral + flavors)

Manufacturer: KaVo Dental GmbH

SDS Expiry: 11 June 2026

Supplier Details: Henry Schein New Zealand
23 William Pickering Drive, Albany
PO Box 101 140, North Shore, Auckland 0745
Ph. 0800 808 855
www.henryschein.co.nz

Emergency Contacts: Poisons/Hazardous Chemical Info Centre –
0800POISON/0800764766 (24 Hours)
Phone 111 for Fire, Ambulance or Police

HSNO Class/Category: 6

HSNO Group Standard: Dental Products Subsidiary Hazard Group Standard 2020
HSR002558

Statements/Pictograms: As per attached Safety Data Sheet (SDS)

Date Prepared: This coversheet was prepared - June 2021

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

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according to Hazardous Substances (Safety Data Sheets) Notice 2017

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

1.1. Product identifier

KaVo PROPHYpearls™ (neutral + flavors)

Product code:

1.010.1826
1.010.1828
1.010.1829
1.010.1830
1.010.1831
1.010.1798
1.013.4400

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

Manufacturer

Company name:	KaVo Dental 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	
e-mail (Contact person):	support@gefahrstoff.com	
Internet:	www.kavo.com	
Responsible Department:	Questions concerning SDB: PES-Ingenieurgesellschaft mbH	

Supplier

Company name:	Kavo Kerr Australia
	Level 4
Street:	7 Eden Park Drive
Place:	Macquarie Park, NSW 2113

1.4. Emergency telephone number:

Infotrac/GBK GmbH +64-98896587

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

UN-GHS (Rev.7)

Hazard categories:
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes serious eye irritation.
HSNO classification:

6.4A Substances that are irritating to the eye

2.2. Label elements

UN-GHS (Rev.7)

Signal word: Warning

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Pictograms:



Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

Following inhalation: Cough

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Contains:

Calcium fluoride

CAS No.: 7789-75-5

Concentration: 0 - < 0,5 Wt %

Hazardous components

CAS No	Chemical name	Quantity
471-34-1	Calcium carbonate	95 - <= 100 %

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Remove casualty to fresh air and keep warm and at rest. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.

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

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

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Following inhalation: Cough

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.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

In case of fire may be liberated: Carbon dioxide (CO₂), Gases/vapours, toxic

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. 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

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Avoid dust formation. Wet clean or vacuum up solids. 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

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

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

Hints on joint storage

Do not store together with: Oxidising agent, Acid, Fluorine

7.3. Specific end use(s)

The product is intended for professional use.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Occupational exposure limit values:

Fluorides, as F (bio): TWA: 2.5 mg/m³

Inhalable dust (not otherwise classified): TWA: 10 mg/m³

Respirable dust (not otherwise classified): TWA: 3(r) mg/m³

Biological limit values:

Fluorides:

parameter: Fluoride in urine

2 mg/l (sampling time: prior to shift)

3 mg/l (sampling time: end to shift)

Source: Workplace Exposure Standards and Biological Exposure Indices; 10th edition

8.2. Exposure controls



Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Do not breathe dust/fume/gas/mist/vapours/spray.

Eye/face protection

Wear eye/face protection.

Hand protection

Wear protective gloves.

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

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	characteristic
pH-Value:	8,5 (10 % in aqueous solution)

Changes in the physical state

Melting point:	825 °C
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable

Explosive properties

The product is not: Explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	not determined

Self-ignition temperature

Solid:	not determined
Gas:	not applicable

Decomposition temperature:	not determined
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Oxidizing properties

Not oxidising.

Vapour pressure:	not determined
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Density:	2,5 - 2,7 g/cm ³
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Water solubility:	slightly soluble
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Solubility in other solvents

Soluble in: acid.

insoluble in: Alcohol

Partition coefficient n-octanol/water:	not determined
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Viscosity / dynamic:	not determined
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Viscosity / kinematic:	not determined
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Relative vapour density:	not determined
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Evaporation rate:	not determined
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9.2. Other information

Odour threshold: not determined

SECTION 10: Stability and reactivity

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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

Reaction with: Oxidising agent, Acid, Fluorine

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Oxidising agent, Acid, Fluorine

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂), Gases/vapours, toxic

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

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Practical experience

Other observations

Repeated exposure may cause skin dryness or cracking.

Inhalation of dust may cause irritation of the respiratory system. (high concentrations)

Following inhalation Cough

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.

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12.4. Mobility in soil

The product is: slightly soluble (Water).

12.5. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

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.

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-TI/IATA-DGR)

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 Marpol 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

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Additional information

HSNO approval number:
product: HSR002624
Calcium carbonate: HSR006678
Calcium fluoride: HSR006185

NZIoC:
Calcium carbonate: Yes.
Calcium fluoride: Yes.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,8,14,15,16.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service
STEL: Short-term exposure limit
TWA: time-weighted average
TI: Technical Instructions
DGR: Dangerous Goods Regulations
UN: United Nations
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
NZIoC: New Zealand Inventory of Chemicals
HSNO: Hazardous Substances and New Organisms

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)