

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: PROPHYflex Powder (Orange, Berry, Cherry, Mint)

Manufacturer: KaVo Dental GmbH

SDS Expiry: 2 June 2028

Supplier Details: Henry Schein New Zealand
243-249 Bush Road, Rosedale, Auckland, 0632
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: Non-Hazardous

HSNO Group Standard: Non-Hazardous

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

Date Prepared: This coversheet was prepared – July 2026

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.

KaVo PROPHYflex™ Pulver

(Orange, Berry, Cherry, Mint)

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according to WHS Regulation

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Section 1 - Identification

Product identifier

KaVo PROPHYflex™ Pulver (Orange, Berry, Cherry, Mint)

Product code:

1.007.0014
1.007.0015
1.007.0016
1.007.0017

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

The product is intended for professional use.

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals as listed in WHS

Schedule 10

None

Details of manufacturer or importer

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: epos Software & Service AG	

Distributor

Company name:	KaVo Dental Australia PTY LTD C/O MCCULLOGH ROBERTSON
Street:	Level 32, 25 Martin Place
Place:	AUS-2000 Sydney NSW
E-mail:	sdb@kavo.com
E-mail (Contact person):	support@gefahrstoff.com
Internet:	www.kavo.com
Responsible Department:	Questions concerning SDB: epos Software & Service AG

Emergency phone number:

Infotrac/GBK GmbH +61-280735031 (Australia)
Infotrac/GBK GmbH +64-98896587 (New Zealand)

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

WHS 2021

This mixture is not classified as hazardous in accordance with WHS Regulations 2021.

Label elements, including precautionary statements

Additional advice on labelling

GHS label elements, including precautionary statements: none

Other hazards

No information available.

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Section 3 - Composition and information on ingredients

Mixtures

Hazardous components

CAS No	Chemical name	Quantity
144-55-8	Sodium hydrogencarbonate	> 60 %

Section 4 - First aid measures

Description of necessary first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of soap and water.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Symptoms caused by exposure

No information available.

Medical attention and special treatment

Treat symptomatically.

Section 5 - Firefighting measures

Suitable extinguishing equipment

Suitable extinguishing media

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

Specific hazards arising from the chemical

The product itself does not burn.

In case of fire may be liberated: Carbon dioxide (CO₂) Pyrolysis products, toxic

Special protective equipment and precautions for firefighters

In case of fire and/or explosion do not breathe fumes.

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

Hazchem code: -

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with skin, eyes and clothes. Avoid dust formation. Do not breathe dust.

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For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment.

For emergency responders

Wear personal protection equipment (refer to section 8).

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and materials for containment and cleaning up

For containment

Stop leak if safe to do so.

For cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Other information

Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

Section 7 - Handling and storage

Precautions for safe handling

Advice on safe handling

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

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

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

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed and in a well-ventilated place.

Hints on joint storage

Do not store together with: Food and feedingstuffs, Acid

Further information on storage conditions

Protect against: Heat, Humidity

Section 8 - Exposure controls and personal protection

Exposure control measures

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Workplace Exposure Standards (WES)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
124-38-9	Carbon dioxide	5000	9000		TWA (8 h)	WES
		30000	54000		STEL (15 min)	WES
-	Particles (insoluble or poorly soluble) not otherwise specified (inhalable fraction)		10		TWA (8 h)	ACGIH-2022
-	Particles (insoluble or poorly soluble) not otherwise specified (respirable fraction)		3		TWA (8 h)	ACGIH-2022

Exposure controls



Appropriate engineering controls

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

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection

Wear eye/face protection. Eye glasses with side protection.

Hand protection

Wear protective gloves.

Suitable material: Butyl caoutchouc (butyl rubber), FKM (fluoro rubber), NBR (Nitrile rubber), NR (natural rubber, natural latex), PVC (polyvinyl chloride)

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.

Generation/formation of dust: P1

Thermal hazards

No information available.

Environmental exposure controls

Do not allow to enter into surface water or drains.

Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid (Powder)	
Colour:	white	
Odour:	characteristic, fruity	
Odour threshold:	not determined	
Melting point/freezing point:		not applicable

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Boiling point or initial boiling point and boiling range:	not applicable
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	*) > 50 °C
pH-Value (at 20 °C):	8.4 (93.4 g/L)
Viscosity / kinematic:	not determined
Water solubility: (at 20 °C)	93.4 g/L
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	2.21 - 2.23 g/cm³
Relative vapour density:	not applicable
Particle characteristics:	not determined

Other information

Further Information

*) Formation of: Carbon dioxide (CO₂), Water.

Section 10 - Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Reacts with : Acid. Formation of: Carbon dioxide (CO₂).

Humidity: Reacts with : Zinc, Aluminium. Formation of: Hydrogen.

Conditions to avoid

Heat, Humidity

Incompatible materials

Acid, Zinc, Aluminium.

Hazardous decomposition products

Carbon dioxide (CO₂)

In case of fire may be liberated: Carbon dioxide (CO₂), Pyrolysis products, toxic

Section 11 - Toxicological information

Information on toxicological effects

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
144-55-8	Sodium hydrogencarbonate				
	oral	LD50 > 4000 mg/kg	Rat	Manufacturer	EPA-FIFRA 40 CFR 160

Irritation and corrosivity

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.

Information on possible routes of exposure

oral, dermal, inhalative, Eye contact.

Information on other hazards**Other information**

No information available.

Interactive effects

No information available.

Section 12 - Ecological information

Ecotoxicity

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

Avoid release to the environment.

Section 13 - Disposal considerations

Disposal methods

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Disposal recommendations

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

Contaminated packaging

Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

Section 14 - Transport information

Land transport (ADG)UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)UN number or ID number:
UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

Transport hazard class:

No dangerous good in sense of this transport regulation.

Packing group number:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)UN number or ID number:
UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

Transport hazard class:

No dangerous good in sense of this transport regulation.

Packing group number:

No dangerous good in sense of this transport regulation.

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

No information available.

Maritime transport in bulk according to IMO instruments

not applicable

Additional information

Hazchem code: -

Section 15 - Regulatory information

National regulatory information

Poisons Schedule number (SUSMP): not applicable

AICC Inventory status: Sodium hydrogencarbonate: Yes. (IMAP tier I assessment)

Additional information

Observe in addition any national regulations!

Section 16 - Any other relevant information

Changes

Revision date: 02.06.2023

Revision No: 1,2

This data sheet contains changes from the previous version in section(s): 8,9,15.

Key abbreviations or acronyms used

ACGIH: American Conference of Governmental Industrial Hygienists

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ADG: Australian Dangerous Goods
AICS: Australian Inventory of Chemical Substances
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
SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons
NICNAS: National Industrial Chemicals Notification and Assessment Scheme

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.)