

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: QUATTROcare Plus Spray

Manufacturer: KaVo Dental GmbH

SDS Expiry: 6 August 2030

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: 2.1.2A, 6.1E

HSNO Group Standard: Aerosols Flammable Group Standard 2020 HSR002515

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

Date Prepared: This coversheet was prepared – June 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.

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 1 of 10

Date (latest revision): 06.08.2025

1. Identification

Product identifier

QUATTROcare Plus Spray

Further trade names

KaVo QUATTROcare Plus Spray 2141 - 1.005.3844 / 1.005.4524

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Lubricating agent, Cleaning agent

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	

Distributor

Company name:	KaVo Dental Technologies LLC
Street:	11727 Fruehauf Drive
Place:	USA Charlotte, NC 28273
Telephone:	+1 888 275 5286

Emergency telephone number: 1 800 535 5053 or international (+1) 352 323 3500 (GBK/Infotrac ID 101616)

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015

Aerosols: Aerosol 1
Aspiration hazard: Asp. Tox. 1

Label elements

WHMIS 2015

Signal word: Danger**Pictograms:**

Hazard statements

Extremely flammable aerosol.
Pressurized container: may burst if heated.
May be fatal if swallowed and enters airways.

Precautionary statements

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 2 of 10

Date (latest revision): 06.08.2025

Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 Do NOT induce vomiting.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
 Dispose of waste according to applicable legislation.

Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

3. Composition/information on ingredients

Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity
75-28-5	isobutane	30 - < 60 % (*)
106-97-8	butane	15 - < 40 % (*)
8042-47-5	White mineral oil (petroleum)	7 - < 13 % (*)
74-98-6	propane	3 - < 7 % (*)

(*) The actual concentration is withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General information

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. When in doubt or if symptoms are observed, get medical advice.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

Most important symptoms and effects, whether acute or delayed

Headache, Nausea, Dizziness. May cause drowsiness or dizziness. Frequently or prolonged contact with skin may cause dermal irritation.

Indication of immediate medical attention and special treatment needed

Treat symptomatically. Symptoms can occur only after several hours.

5. Fire-fighting measures

Extinguishing media

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 3 of 10

Date (latest revision): 06.08.2025

Suitable extinguishing media

Carbon dioxide (CO₂), Foam, Extinguishing powder. Water mist.
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet.

Specific hazards arising from the hazardous product

Extremely flammable aerosol. Vapours can form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

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

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely.

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures**General advice**

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Remove all sources of ignition. Provide adequate ventilation. Remove persons to safety. Use personal protection equipment.

For emergency responders

Wear personal protection equipment (refer to section 8).

Environmental precautions

Avoid release to the environment.

Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.

Methods and material for containment and cleaning up**For containment**

Stop leak if safe to do so. Cover drains.

For cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

Ventilate affected area.

Other information

Use non-sparking tools.

Clean contaminated articles and floor according to the environmental legislation.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

7. Handling and storage

Precautions for safe handling

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 4 of 10

Date (latest revision): 06.08.2025

Advice on safe handling

Observe instructions for use.
Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.
Use personal protection equipment.

Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

Advice on general occupational hygiene

Take off contaminated clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances. Food and feedingstuffs.

Further information on storage conditions

Protect against: frost. Protect against direct sunlight.

8. Exposure controls/Personal protection

Control parameters

Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	Category	Origin
75-28-5	Butane: isobutane	1000	2370	STEL (15 min)	ACGIH-2024
106-97-8	Butane: n-butane	1000	2370	STEL (15 min)	ACGIH-2024
74-98-6	Propane	-	-	Asphyxiant	ACGIH-2024

Exposure controls



Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Wear suitable gloves.

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

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 5 of 10

Date (latest revision): 06.08.2025

the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber)
 Thickness of the glove material: 0,45 mm
 Breakthrough time (maximum wearing time) 480 min.

Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Respiratory protection necessary at: Vapour/aerosol or mist formation, insufficient ventilation, exceeding exposure limit values.

Filtering device with filter or ventilator filtering device of type: AX

Observe the wear time limits as specified by the manufacturer.

Thermal hazards

Wear anti-static footwear and clothing Flame-retardant protective clothing.

Environmental exposure controls

Avoid release to the environment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid (Aerosol)
Colour:	light yellow
Odour:	characteristic
Odour threshold:	not determined

Test method

Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	-40 °C	
Flammability:	Extremely flammable aerosol.	
Lower explosive limits:	0,9 vol. %	
Upper explosive limits:	15 vol. %	
Flash point:	-80 °C	
Auto-ignition temperature:	not determined	
Decomposition temperature:	not determined	
pH-Value:	not determined	DIN 19268
Viscosity / kinematic:	15,5 mm ² /s	
Water solubility:	practically insoluble	
Solubility in other solvents	not determined	
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	
Density (at 20 °C):	0,853 g/cm ³	DIN 51757
Relative vapour density:	not determined	
Particle characteristics:	not applicable	

Other information

Information with regard to physical hazard classes

Explosive properties

Heating may cause an explosion. Vapours can form explosive mixtures with air.

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 6 of 10

Date (latest revision): 06.08.2025

Further Information

Relative density, Colour, Odour, Viscosity, pH: Data apply to the technically active substance.

10. Stability and reactivity

Reactivity

Extremely flammable aerosol.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Vapours can form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Protect against direct sunlight.
Protect against: Frost. Take precautionary measures against static discharges.

Incompatible materials

Oxidizing agent. Pyrophoric or self-heating substances.

Hazardous decomposition products

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

Further information

Do not mix with other chemicals.

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

CAS No	Chemical name				
	Route of exposure	Dose	Species	Source	Method
8042-47-5	White mineral oil (petroleum)				
	oral	LD50 > 5000 mg/kg	Rat	Manufacturer	OECD 401

Irritation and corrosivity

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

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

Sensitizing effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 7 of 10

Date (latest revision): 06.08.2025

STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

Information on likely routes of exposure

oral, Skin contact, Eye contact.

aerosol or mist formation: Inhalation

Information on other hazards**Endocrine disrupting properties**

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

Other information

No information available.

Name of toxicologically synergistic products

No information available.

12. Ecological information**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

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.

13. Disposal considerations**Waste treatment methods****Disposal recommendations**

Do not allow to enter into soil/subsoil. 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. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation.

14. Transport information**Canadian TDG****UN number:**

UN 1950

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 8 of 10

Date (latest revision): 06.08.2025

Proper shipping name: AEROSOLS**Hazard classes:** 2.1

Hazard label: 2.1



Special Provisions: 80, 107

Limited quantity: 1 L

Marine transport (IMDG)**UN number or ID number:** UN 1950**United Nations proper shipping****name:****Transport hazard class(es):** 2.1**Packing group:** -

Hazard label: 2.1



Marine pollutant: -

Special Provisions: 63 190 277 327 344 381 959

Limited quantity: 1000 mL

Excepted quantity: E0

EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)**UN number or ID number:** UN 1950**United Nations proper shipping****name:****Transport hazard class(es):** 2.1**Packing group:** -

Hazard label: 2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G

Passenger LQ: Y203

Excepted quantity: E0

IATA-packing instructions - Passenger: 203

IATA-max. quantity - Passenger: 75 kg

IATA-packing instructions - Cargo: 203

IATA-max. quantity - Cargo: 150 kg

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

15. Regulatory information**Canadian regulations**

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 9 of 10

Date (latest revision): 06.08.2025

DSL/NDSL inventory status

DSL:

- CAS No. 75-28-5: Yes.
- CAS No. 106-97-8: Yes.
- CAS No. 8042-47-5: Yes.
- CAS No. 74-98-6: Yes.
- CAS No. 597-82-0: Yes.

NDSL:

- CAS No. 75-28-5: No.
- CAS No. 106-97-8: No.
- CAS No. 8042-47-5: No.
- CAS No. 74-98-6: No.
- CAS No. 597-82-0: No.

National Pollutant Release Inventory (NPRI)

- CAS No. 75-28-5: Yes.
- CAS No. 106-97-8: Yes.
- CAS No. 8042-47-5: No
- CAS No. 74-98-6: Yes.
- CAS No. 597-82-0: No

Additional information

- Observe in addition any national regulations!
- SVHC: < 0,1%

16. Other information

QUATTROcare plus Spray



Safety Data Sheet

according to WHMIS

Page 10 of 10

Date (latest revision): 06.08.2025

Abbreviations and acronyms

CAS: Chemical Abstracts Service
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 ACGIH: American Conference of Governmental Industrial Hygienists
 ATE: Acute Toxicity Estimates
 BCF: Bio-Concentration Factor
 STEL: Short-Term Exposure Limit
 TWA: Time Weighted Average
 VOC: Volatile Organic Compounds
 DIN: Deutsches Institut für Normung e.V. (German Institute for Standardization)
 EN: European Standard
 ISO: International Organization for Standardization
 IUCLID: International Uniform Chemical Information Database
 LC50: Lethal Concentration, 50 %
 LD50: Lethal Dose, 50 %
 LL50: Lethal Loading, 50 %
 OECD: Organisation for Economic Co-operation and Development
 EC50: Effective Concentration 50 %
 EL50: Effect Loading, 50 %
 ErC50: Effective Concentration 50 %, growth rate
 NOEC: No Observed Effect Concentration
 DGR: Dangerous Goods Regulations
 EmS: Emergency Schedules
 IATA: International Air Transport Association
 IBC: Intermediate Bulk Container
 ICAO: International Civil Aviation Organization
 IE: Industrial Emissions
 IMDG: International Maritime Code for Dangerous Goods
 LQ: Limited Quantity
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 SIMDUT: Système d'Information sur les Matières Dangereuses Utilisées au Travail
 TDG: Transportation of Dangerous Goods
 TI: Technical Instructions
 TMD: Transport des Marchandises Dangereuses
 DSL: Domestic Substances List
 LES: Liste Extérieure des Substances
 LIS: Liste Intérieure des Substances
 NDSL: Non-Domestic Substances List
 WHMIS: Workplace Hazardous Materials Information System

Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)