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DENTAL

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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:	DEKASEPTOL Gel
Manufacturer:	KaVo Dental GmbH
SDS Expiry:	21 August 2029
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 – March 2025

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.

Safety Data Sheet
according to WHS Regulations

Printing date 21.08.2024 Version number 5 Revision: 21.08.2024

· **Product identifier**

· **Trade name: DEKASEPTOL Gel**
· **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
· **Application of the substance / the mixture** Disinfectant

· **Details of the supplier of the safety data sheet**
· **Supplier:**
KaVo Dental GmbH
Bismarckring 39
D-88400 Biberach
Germany

· **Further information obtainable from:**
Tel. +49 (0) 7351 56 0
sdb@kavo.com
· **Emergency telephone number:** Infotrac/GBK GmbH ID: 101616 +64-98896587

2 Hazard(s) Identification

· **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**
· **GHS label elements** Void
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

*
3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**
· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

5538-94-3	N,N-Dimethyl-N-Dioctylammoniumchlorid Flammable liquids – Category 3, H226 Acute toxicity - oral – Category 3, H301; Acute toxicity - dermal – Category 2, H310 Skin corrosion/irritation – Category 1B, H314; Eye damage/irritation – Category 1, H318	≤0.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· **General information:** No special measures required.
· **After inhalation:**
Supply fresh air.
Seek medical treatment in case of complaints.
· **After skin contact:**
Generally the product does not irritate the skin.
Immediately rinse with water.
If skin irritation continues, consult a doctor.

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· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
If symptoms persist consult doctor.
Rinse out mouth and then drink plenty of water.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire Fighting Measures

· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray.
Use fire extinguishing methods suitable to surrounding conditions.
· **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
· **Protective equipment:**
Mouth respiratory protective device.
Do not inhale explosion gases or combustion gases.

6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures**
Remove persons from danger area.
Product forms slippery surface when combined with water.
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
· **Environmental precautions:**
In case of seepage into the ground inform responsible authorities.
Do not allow to penetrate the ground/soil.
Dilute with plenty of water.
· **Methods and material for containment and cleaning up:**
Dilute with plenty water.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and Storage

· **Handling:**
· **Precautions for safe handling**
Store in cool, dry place in tightly closed receptacles.
Keep receptacles tightly sealed.
· **Information about fire - and explosion protection:**
No special measures required.
The product is not flammable.

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· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:***
Prevent any seepage into the ground.
Store only in the original receptacle.
· ***Information about storage in one common storage facility:*** *Store away from foodstuffs.*
· ***Further information about storage conditions:***
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
· ***Specific end use(s)*** *No further relevant information available.*

8 Exposure controls and personal protection

· ***Additional information about design of technical facilities:*** *No further data; see section 7.*
· ***Ingredients with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· ***Additional information:*** *The lists valid during the making were used as basis.*
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Storing food in the working area is prohibited.
Do not eat, drink, smoke or sniff while working.
Be sure to clean skin thoroughly after work and before breaks.
Wash hands before breaks and at the end of work.
· ***Respiratory protection:*** *Not required.*
· ***Protection of hands:***
Avoid direct contact with the chemical/ the product/ the preparation by organisational measures.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· ***Material of gloves***
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· ***Penetration time of glove material***
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:***
Rubber gloves
· ***For the permanent contact gloves made of the following materials are suitable:***
Polychloroprene - CR (0.5 mm): Breakthrough time > 4 h
Nitrile rubber/nitrile latex - NBR (0.35 mm): Breakthrough time > 4h
Butyl rubber - Butyl (0.5 mm): Breakthrough time > 8 h
Fluororubber - FKM (0.4 mm): Breakthrough time > 8 h
Polyvinyl chloride - PVC (0.5 mm): Breakthrough time > 4 h
This recommendation is based exclusively on the chemical compatibility and the test according to EN 374 under laboratory conditions.
Depending on the application, different requirements may arise. Therefore the
Therefore, the recommendations of the protective glove supplier must also be taken into account.
Neoprene gloves
· ***As protection from splashes gloves made of the following materials are suitable:***
Butyl rubber, BR

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Fluorocarbon rubber (Viton)
Nitrile rubber, NBR
· **Eye protection:** *Goggles recommended during refilling*

9 Physical and Chemical Properties

· **General Information**	
· **Appearance:**	
· **Form:**	*Viscous*
· **Colour:**	*Blue*
· **Odour:**	*Pleasant*
· **Odour threshold:**	*Not determined.*
· **pH-value at 20 °C:**	*8*
· **Change in condition**	
· **Melting point/freezing point:**	*0 °C*
· **Initial boiling point and boiling range:**	*100 °C*
· **Flash point:**	*>200 °C*
· **Flammability (solid, gas):**	*Not applicable.*
· **Decomposition temperature:**	*Not determined.*
· **Ignition temperature:**	*Product is not selfigniting.*
· **Explosive properties:**	*Product does not present an explosion hazard.*
· **Explosion limits:**	
· **Lower:**	*Not applicable*
· **Upper:**	*Not applicable*
· **Vapour pressure at 20 °C:**	*23 hPa*
· **Density at 20 °C:**	*1 g/cm³*
· **Relative density**	*Not determined.*
· **Vapour density**	*Not determined.*
· **Evaporation rate**	*Not determined.*
· **Solubility in / Miscibility with**	
· **water:**	*Fully miscible.*
· **Partition coefficient: n-octanol/water:**	*Not determined.*
· **Viscosity:**	
· **Dynamic:**	*Not determined.*
· **Kinematic:**	*Not determined.*
· **Solvent content:**	
· **Organic solvents:**	*< 1 %*
· **Water:**	*> 95.0 %*
· **VOC (EC)**	*0 %*
· **Other information**	*No further relevant information available.*

10 Stability and Reactivity

· **Reactivity** *No further relevant information available.*
· **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
· **Possibility of hazardous reactions** *No dangerous reactions known.*
· **Conditions to avoid** *No further relevant information available.*
· **Incompatible materials:** *No further relevant information available.*

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· **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological Information

· **Information on toxicological effects**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**		
ATE (Acute Toxicity Estimates)		
Oral	LD50	63,467 mg/kg (0)
Dermal	LD50	50,933 mg/kg (0)
Inhalative	LC50/4 h	2,833 mg/l (rat)

5538-94-3 N,N-Dimethyl-N-Dioctylammoniumchlorid		
Oral	LD50	238 mg/kg (0)
Dermal	LD50	191 mg/kg (0)

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **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.
· **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.
· **Additional toxicological information:**
· **Sensitisation** Based on available data, the classification criteria are not met.

12 Ecological Information

· **Toxicity**

· **Aquatic toxicity:**	
5538-94-3 N,N-Dimethyl-N-Dioctylammoniumchlorid	
LC50/96h	0.55 mg/l (fish)

· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.
· **Mobility in soil** No further relevant information available.
· **Additional ecological information:**
· **General notes:**
The product contains materials that are harmful to the environment.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

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13 Disposal considerations

· **Waste treatment methods**
· **Recommendation**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· **Uncleaned packaging:**
· **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Non contaminated packagings may be recycled.
Non contaminated packagings may be treated like household garbage.
Disposal must be made according to official regulations.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **UN-Number**	
· **ADG, IMDG, IATA**	Void
· **UN proper shipping name**	
· **ADG, IMDG, IATA**	Void
· **Transport hazard class(es)**	
· **ADG, ADN, IMDG, IATA**	
· **Class**	Void
· **Packing group**	
· **ADG, IMDG, IATA**	Void
· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Transport in bulk according to Annex II of Marpol and the IBC Code**	Not applicable.

15 Regulatory information

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

· **Australian Inventory of Industrial Chemicals**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

1310-58-3	potassium hydroxide	S5+ APPENDIX C, S6+APPENDIX C

· **GHS label elements** Not applicable

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**
H226 Flammable liquid and vapour.
H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
· **Recommended restriction of use** Product only for professional use
· **Contact:**
· **Abbreviations and acronyms:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ADR: Accord relatif au transport international 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
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flammable liquids – Category 3: Flammable liquids – Category 3
Acute toxicity - oral – Category 3: Acute toxicity – Category 3
Acute toxicity - dermal – Category 2: Acute toxicity – Category 2
Skin corrosion/irritation – Category 1B: Skin corrosion/irritation – Category 1B
Eye damage/irritation – Category 1: Serious eye damage/eye irritation – Category 1
· *** Data compared to the previous version altered.**