



Virbac New Zealand Limited

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **Canigen KC**
Product Use: Bivalent inactivated vaccine for vaccination against Bordetella bronchiseptica and canine parainfluenza virus. Restricted Veterinary Medicine.
Restriction of Use: Refer to Section 15
New Zealand Supplier: **Virbac New Zealand Limited**
Address: 26 – 30 Maui Street
Pukete, Hamilton
Telephone: +64 7 849 6782
Customer Service Toll no: 0800 VIRBAC (0800 847 222) (Mon-Fri 8:30am to 4:30pm)
Emergency No: 0800 764 766 (National Poison Centre)
Date of SDS Preparation: 27 September 2021

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

EPA Approval No: Veterinary Medicines (Limited Pack Size, Finished dose) – HSR100757

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.

Prevention Code	Prevention Statement
P103	Read label before use.
P261	Avoid breathing dust, fumes, gas, mist, vapours or spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.

Product Name: Canigen KC
Date of SDS: 27 September 2021

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Purified inactivated Bordetella brochiseptica antigen	0.00005	Proprietary
Canine parainfluenza virus inactivated	10 ⁹ TCID ₅₀	Proprietary
Thiomersal	0.1	54-64-8
Non hazardous	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	If in eyes rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.
If on Skin	Immediately flush body & clothes with large quantities of water. Quickly remove all contaminated clothing & footwear. Wash affected areas with water (& soap if available) for at least 15 minutes. Obtain medical attention if irritation or rash develops. Wash clothing before re-use.
If Swallowed	Wash out mouth thoroughly with water. Give a glass of water to drink. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion:	Not applicable.
Inhalation:	Not applicable.
Skin:	May cause an allergic skin reaction.
Eye:	Not applicable.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	Not applicable.
Suitable Extinguishing media	Water spray or fog / foam / dry chemical powder / carbon dioxide.
Precautions for firefighters and special protective clothing	Breathing apparatus for fire only.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Avoid any exposure to the product. Re-position any leaking containers to minimise any further leakage.

Spilled product & washings must be prevented from entering any drains or waterways, or from contaminating the ground.

If possible, contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Shovel the absorbed material into a drum or similar robust container. Dispose of in compliance with local and/or national regulations as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Avoid breathing dust, fumes, gas, mist, vapours or spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing as detailed in Section 8.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store between 2°C and 8°C.
- Do not freeze.
- Protect from light.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

Engineering Controls

None required.

Personal Protection Equipment



Eyes	Not required.
Skin	Wear protective clothing if necessary. Wear protective gloves.
Respiratory	Not required.
Hygiene	Wash thoroughly with soap and water after handling.

Section 9 Physical and Chemical Properties

Appearance	Pink Liquid
Odour	Not available

Odour Threshold	Not available
pH	6.70 – 7.70
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Combustibility	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Final Volume	1.00 – 1.40
Water Solubility	Soluble
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Temperatures exceeding 8°C or less than 2°C.
Incompatible Materials	Avoid food products.
Hazardous Decomposition Products	None known.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Thiomersal (54-64-8)	
LD50 oral rat	40 mg/kg

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No data available.
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Dispose of empty containers and outer packaging by wrapping with paper and putting in garbage. Discarded needles should immediately be placed in a designated and appropriately labelled "sharps" container. The container should be of a type to reduce the possibility of injury to handlers during collection and disposal. Incineration is the preferred method of disposal, otherwise "sharps" should be buried at a suitable site, such as a chemical disposal pit located away from the watercourses.

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is not classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Veterinary Medicines (Limited Pack Size, Finished dose) – HSR100757

GHS Classification:

Skin sensitisation Cat. 1

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.
ACVM Approval No See www.foodsafety.govt.nz for registration Conditions	A007377

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.

LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the New Zealand distributor, if further information is required.

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