



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: **Zoletil 100**
Product Use: Anaesthetic agent for use in cats, dogs, zoo felidae, zoo canidae, goats, red deer and fallow deer
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: 3 December 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) Group Standard 2020 – HSR100757

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.

Prevention Code	Prevention Statement
P103	Read label before use.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.

Storage Code	Storage Statement
None Allocated	

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

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Tiletamine hydrochloride	29	14176-50-2
Zolazepam hydrochloride	28	33754-49-3
Non-hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
If on Skin	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
If Swallowed	Rinse mouth with plenty of water. Do not give anything to the mouth of an unconscious person. Contact a doctor or call the National Poisons Centre on 0800 POISON (0800 764 766).
If Inhaled	Remove the person from affected area to fresh air area. If any trouble breathing, get immediate medical attention. If irritation or symptoms persist, consult a doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: May cause damage to organs through repeated or prolonged exposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	None known.
Suitable Extinguishing media	Use appropriate fire extinguisher for surrounding environment.
Precautions for firefighters and special protective clothing	Breathing apparatus for fire only.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Personnel involved in clean-up should wear appropriate personal protective equipment to minimize exposure as detailed in Section 8. Non-essential personnel should be evacuated from the affected area.

Do not allow to enter waterways.

Sweep up material and wrap in a plastic container for eventual disposal, clean the area. Avoid excessive exposure to dust. Dispose of in compliance with local and/or national regulations as per Section 13. C

Section 7. Handling and Storage

Precautions for Handling:

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- Read label before use.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Wash hands after use.
- Do not eat, drink or smoke when using this product.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store below 25°C in a cool, dry, well ventilated area out of direct sunlight.
- Store away from foodstuffs and animals.

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 limits

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

Not required.

Personal Protection Equipment

Eyes	Not required
Skin	Not required.
Respiratory	Not required.
Hygiene	Wash hands thoroughly with soap and water after handling.

Section 9 Physical and Chemical Properties

Appearance	White to slightly yellow compact mass
Odour	Not available
Odour Threshold	Not available
pH	Not available
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
Specific Gravity	Not available
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available

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Particle Characteristics	Not available
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Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions of use.
Possibility of hazardous reactions	No data available.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	May cause damage to organs through repeated or prolonged exposure.

Section 12. Ecotoxicological Information

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 container by wrapping with paper and placing in the garbage, in accordance with the Territorial Local Authority.

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) Group Standard 2020 – HSR100757**

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	Not required
Secondary Containment	Not required
Restriction of Use	Not required
ACVM Approval No See www.foodsafety.govt.nz for registration Conditions	A005727

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

Disclaimer

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

Issue Date: 3 December 2021 Review Date: 3 December 2026

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