

SAFETY DATA SHEET



Virbac New Zealand Limited.

Combat Nitromec Injection

Section 1: Identification of the Substance and Supplier

Product name:	Combat Nitromec Injection
Recommended use:	For the treatment and control of NITROXYNIL, IVERMECTIN and CLORSULON sensitive strains and TRICLABENDAZOLE resistant strains of internal and external parasites of cattle, and early immature (including 2-week old fluke), immature and adult liver fluke.
Company details:	Virbac New Zealand Limited
Address:	30 – 32 Stonedon Drive, East Tamaki Auckland
Telephone number:	(09) 273 9501
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) www.virbac.co.nz
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	November 2010

Section 2: Hazards Identification

Hazard classifications:	6.1D, 6.6B, 6.8B, 6.8C, 6.9A, 9.1A, 9.2C, 9.3B, 9.4A
Priority identifier:	DANGER KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	6.1D = Harmful if swallowed 6.6B = Suspected of causing genetic defects 6.8B = Suspected of damaging fertility or the

unborn child
6.8C = May cause harm to breast-fed children
6.9A = Cause damage to organs
9.1A = very toxic to aquatic life
9.2C = Harmful to the soil environment
9.3B = Toxic to terrestrial vertebrates
9.4A = Very toxic to terrestrial invertebrates

Precautionary information:

Keep out of reach of children.
Read label before use.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Avoid breathing vapour.
Avoid contact during pregnancy or while nursing.
Wash thoroughly after handling
Do not eat , drink or smoke when using this product
If exposed or concerned: get medical advice / attention
Avoid release to the environment.
Collect spillage

Section 3: Composition / Information on Ingredients
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Product components:	Ingredients	CAS Number	Proportion
	Ivermectin	70288-86-7	0.7%
	Clorsulon	60200-06-8	0.7%
	Nitroxynil	1689-89-0	3.4%

Section 4: First Aid Measures

Eye Contact:	Rinse eyes cautiously with a large quantity of water for several minutes. If irritation occurs and persists, seek medical advice.
Skin Contact	Wash off skin with water and soap. If skin irritation occurs and persists, seek medical advice.
Inhalation:	If inhaled, remove the person to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulties are experienced, seek medical advice immediately.

Ingestion:	Rinse mouth with water. Give plenty of water to drink. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766).
Workplace facilities:	No specific workplace facilities required.
Required instructions:	Avoid contact with skin and eyes. If skin or eyes irritation occurs wash off immediately.
Notes for medical personnel:	If swallowed do NOT induce vomiting. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766)

Section 5: Firefighting Measures

Type of hazard:	Non-flammable
Fire hazard properties:	N/A
Regulatory requirements:	Do not handle until all safety precautions have been read and understood.
Extinguishing media and methods:	Water spray or fog / foam / dry chemical powder / carbon dioxide.
HAZCHEM:	N/A
Recommended protective clothing:	Breathing apparatus for fire only.

Section 6: Accidental Release Measures

Emergency procedures:	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material.
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Section 7: Handling and Storage

Precautions for safe handling:	Wash hands thoroughly after handling. Wear protective gloves when handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of any water supply with chemical or empty container.
Approved handlers:	Not required

Conditions for safe storage:	See below
Store site requirements:	Store locked up. Store below 30 °C in original container, tightly closed, in a cool dry place. Store bottle in carton to protect from light. Store lock up.
Packing:	No specific packaging requirement.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines:	No working exposure standards have been established.
Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Engineering controls:	N/A
Personal protective Equipment (PPE):	When handling bulk quantities, wear suitable gloves, protective clothing, to avoid prolonged breathing of dust or contact of dust with skin. Wash thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Appearance:	Aqueous solution
Boiling Point:	N/A
Viscosity:	N/A
Specific Gravity:	1.2 – 1.4
pH:	5.5 – 6.5
Solubility in Water:	Soluble

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	Avoid release to the environment. Avoid contact during pregnancy or while nursing.
Material to avoid:	N/A
Hazardous decomposition products:	N/A

Hazardous polymerization: N/A
Specific Data N/A

Section 11: Toxicological Information

Ingestion Harmful if swallowed
Suspected of damaging fertility or the unborn child. May cause harm to breastfed children. Avoid contact during pregnancy and while nursing.

Summarize data: N/A

Format: N/A

Section 12: Ecological Information

Very ecotoxic in the aquatic environment Acute toxicity – all values $\leq 1\text{mg/L}$
96-hour LC_{50} (for fish)
48-hour EC_{50} (for crustacean)
72- or 96-hour ErC_{50} (for algae or other aquatic plants)
This class may be subdivided for some regulatory systems to include a lower band at $\text{L(E)C}_{50} \leq 0.1\text{mg/L}$

Harmful to the soil environment Acute EC_{50} of the tested mixture >10 and ≤ 100 mg/kg
The soil DT_{50} is > 30 days

Ecotoxic to terrestrial vertebrates Acute L(D)C_{50} of the tested mixture
 $50 < \text{LD}_{50} \leq 500$ mg/kg bw (oral or dermal); or
 $500 < \text{LC}_{50} \leq 1000$ ppm (diet)

Very toxic to terrestrial invertebrates Acute LD_{50} of the tested mixture < 2 $\mu\text{g/}$ terrestrial invertebrate

Above information from [User Guide to the HSNO Thresholds and Classifications]

Section13: Disposal Considerations

Disposal information: Dispose of by use.
Dispose of empty container by wrapping with paper and placing in the garbage, in accordance with the Territorial Local Authority. Avoid contamination of any water supply with chemical or empty container.
Do not contaminate dams, rivers, streams or other waterways with product or empty container.

Section14: Transport Information

Transport information:

Dangerous Goods Classification

UN No: N/A

Class: N/A

Packing Group: N/A

Shipping Name: N/A

Section15: Regulatory Information

Registration number:

A010223

For conditions of registration see <http://www.nzfsa.govt.nz/acvm/>

HSNO Classification:

ERMA Application Name: **VIRNTR**

ERMA Approval Code: **HSR0008117**

For a full listing of controls see <http://www.ermanz.govt.nz>

Section 16: Other Information

Additional Information:

N/A

For product information visit the Virbac website www.virbac.co.nz
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