

SAFETY DATA SHEET



Virbac New Zealand Limited

Topline

Section 1: Identification of the Substance and Supplier

Product name:	Topline
Recommended use:	For the treatment and control of Abamectin sensitive internal and external parasites of cattle.
Company details:	Virbac New Zealand Limited
Address:	26 -30 Maui St, Pukete, Hamilton
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) nz.virbac.com/
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	29 June 2018

Section 2: Hazards Identification

Hazard classifications:	3.1 D, 6.4A, 6.8B, 6.8C, 6.9B, 9.1A, 9.2C, 9.3C
Priority identifier:	WARNING KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	3.1D = Combustible liquid 6.1D = Harmful in contact with skin 6.4A = Causes serious eye irritation 6.8B = Suspected of damaging fertility or the unborn child 6.8C = May cause harm to breast-fed children 6.9B = May cause damage to organs through prolonged or repeated exposure.

9.1A = Very toxic to aquatic life.
9.2C = Harmful to the soil environment.
9.3C = Harmful to terrestrial invertebrates.

Precautionary information:

Keep out of reach of children
Wash hands thoroughly after handling.
Wear eye and face protection.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Avoid contact during pregnancy / while nursing.
Avoid breath vapor.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.

Section 3: Composition / Information on Ingredients
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Product components:	Ingredients	CAS Number	Proportion
	Abamectin	71751-41-2	1%

Section 4: First Aid Measures

Eyes:	If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice.
Skin:	If skin irritation occurs, remove clothing and flush affected area with plenty of soap and water. Seek medical advice if irritation persists. Pregnant women should get urgent medical advice.
Ingestion:	If swallowed, rinse mouth and drink a glass of water, get immediate medical attention and show the container or label to the doctor.
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.
Workplace facilities:	No specific workplace facilities required.
Required instructions:	N/A
Notes for medical personnel:	No specific antidote is available. If poisoning is suspected apply symptomatic treatment.

Section 5: Firefighting Measures

Type of hazard:	Combustible liquid
Fire hazard properties:	N/A
Regulatory requirements:	N/A
Extinguishing media and methods:	Carbon dioxide (CO ₂), extinguishing powder, water spray
Hazchem code:	N/A
Recommended protective clothing:	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure.

Section 6: Accidental Release Measures

Emergency procedures:	<p>In the event of a commercial scale spill, prevent spillage from entering drains or watercourses.</p> <p>Use protective equipment to deal with spillage according to the quantity of product released: face mask, gloves, goggles, protective coat.</p> <p>Contain and collect spillage with non-combustible inert absorbent materials.</p> <p>Place in a suitable container for disposal in accordance with the waste regulations.</p>
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Section 7: Handling and Storage

Precautions for safe handling:	<p>Keep out of reach of children.</p> <p>Use face and eye protection when handling.</p> <p>Pregnant women or women of child-bearing age should avoid contact with the product.</p> <p>Avoid release to the environment.</p> <p>Wash hands thoroughly after handling.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Avoid release to the environment.</p>
Approved handlers:	Not required.
Conditions for safe storage:	See below
Recommended Storage Conditions:	<p>Store in original container in a cool, dry, ventilated place away from direct heat or sunlight. Keep container sealed when not in use.</p> <p>Store locked up</p>

Store site requirements

Store protected from light at room temperature below 30°C.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Standards:	No working exposure standards have been established.
Application in the workplace:	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace:	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Personal protective Equipment (PPE):	Use face and eye protection and protective clothing when handling.

Section 9: Physical and Chemical Properties

Description of product:	Clear blue liquid.
Specific gravity @ 25°C	0.90 – 1.00
Further specifications	N/A
Specific advice:	N/A

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	Avoid high temperature and keep away from naked flames.
Material to avoid:	Avoid food products
Hazardous decomposition products:	N/A
Hazardous polymerization:	N/A
Specific Data	N/A

Section 11: Toxicological Information

Acute toxicity	The product should be used with caution by women who are pregnant, intending to become pregnant or whose pregnancy status
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is unknown. Medical advice should be given in any case of contamination.

Section 12: Ecological Information

Very ecotoxic in the aquatic environment	Acute ecotoxicity $L(E)C_{50} \leq 1\text{mg/L}$ Regardless of any persistence or bioaccumulation or chronic ecotoxicity information [User Guide to the HSNO Thresholds and Classifications]
Harmful in the soil environment	$10 > \text{Soil ecotoxicity value} \leq 100$ AND Soil DT50 > 30 days
Environmental risk and safety phrases:	N/A

Section13: Disposal Considerations

Disposal information: Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility.

DISPOSAL: (250mL, 500mL & 1L)
Dispose of empty container by wrapping with paper and putting in garbage. , in accordance with the Territorial Local Authority.

DISPOSAL (>1L)
Triple or preferably pressure rinse empty container and dispose of rinsates in a disposal pit away from desirable plants and their roots and watercourses. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Section14: Transport Information

Transport information:	Dangerous Goods Classification UN No: N/A Class: N/A Packing Group: N/A Shipping Name: N/A
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Section 15: Regulatory Information

Registration number: A0010067

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

HSNO Approval Number: HSR007710

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

Section 16: Other Information

For product information visit the Virbac website nz.virbac.com
While the information set forth is believed to be accurate as of the date hereof, Virbac New Zealand Limited, makes no warranty with respect hereto and disclaims all liability from reliance thereon.