



# SAFETY DATA SHEET

Vetmed Corporation Limited  
PO Box 217234  
Botany Junction  
Auckland  
Phone: +64 9 274 8848  
Fax: +64 9 274 8842  
This SDS consists of 16 sections.

Page 1  
Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 1: Identification of the Substance

Product Name	Vetmed Dualmax Pour-On
Use	Anthelmintic for control of internal and external parasites in cattle.
Company Details	Vetmed Corporation Limited PO Box 217234 Botany Junction Auckland Phone: +64 9 274 8848 Fax: +64 9 274 8842
Emergency Phone Number	National Poisons Centre: 0800 764 766 (0800 POISON)

### Section 2: Hazardous Identification

Hazard classifications	3.1D, 6.1D, 6.3B, 6.4A, 6.5B, 6.8B, 6.8C, 6.9A, 6.9B, 9.1A, 9.2C, 9.3C, 9.4A.
Priority identifiers	WARNING KEEP OUT OF REACH OF CHILDREN WARNING Combustible Liquid WARNING Dangerous to the environment
Risk and safety phrases	Combustible liquid. Do not store near heat or open flame. May be harmful if swallowed. Wash hands and exposed skin before meals and after use. May cause eye irritation. Avoid contact with eyes. Repeated exposure may cause skin allergy. Avoid skin contact. Abamectin possibly may affect development and/or reproduction. Handle with care. Abamectin possibly may have effects on or via lactation. Handle with care. Abamectin possibly may affect the nervous system. Handle with care. Levamisole possibly may cause damage to genetic material. Handle with care. Levamisole may affect blood and the haematopoietic system. Handle with care. Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container. Toxic to the soil environment. Avoid release to the environment. Harmful to terrestrial vertebrates. Avoid release to the environment. Very toxic to terrestrial invertebrates. Avoid release to the environment.

### Section 3: Composition

<u>Ingredient</u>	<u>CAS Number</u>	<u>Content g/L</u>
Abamectin	71751-41-2	5
Levamisole Base	14769-73-4	100
Other		Up to 1L



# SAFETY DATA SHEET

Vetmed Corporation Limited  
PO Box 217234  
Botany Junction  
Auckland  
Phone: +64 9 274 8848  
Fax: +64 9 274 8842  
This SDS consists of 16 sections.

Page 2  
Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 4: First Aid

For advice contact the National Poisons Centre on 0800 POISON (0800 764 766), or a doctor immediately.

INGESTION

If swallowed do NOT induce vomiting. Seek medical attention.

EYES

If splashed in eyes wash out immediately with water.

SKIN

If skin or hair contact occurs remove contaminated clothing and flush skin and hair with running water.

INHALATION

Remove to fresh air. If persists, seek medical advice.

Workplace facilities

No special facilities required.

Hygiene practices

Avoid contact with eyes and skin. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash contaminated clothing and other protective equipment before storing or reusing.

Notes for medical personnel

No specific antidote. If poisoning is suspected apply symptomatic therapy.

### Section 5: Fire Fighting

Type of hazard

Combustible liquid

Fire hazard properties

Dualmax Pour-On contains a flammable solvent, Flash Point of 78°C. As the product contains combustible organic components, fire will produce black smoke containing hazardous products of combustion. Exposure to decomposition products may be a hazard to health. Vapours of this product are heavier than air and may accumulate in sumps, pits and other low lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.

Regulatory requirements

2 fire extinguishers per 500L. See Hazardous Substances (Emergency management) regulations.

Extinguishing media and methods

Extinguish using carbon dioxide, water fog, dry chemical, foam.

Hazchem code

2X

Recommended protective clothing

When fighting a major fire wear full protective clothing. Wear breathing apparatus.



# SAFETY DATA SHEET

Vetmed Corporation Limited  
PO Box 217234  
Botany Junction  
Auckland  
Phone: +64 9 274 8848  
Fax: +64 9 274 8842  
This SDS consists of 16 sections.

Page 3  
Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 6: Accidental Release

Emergency procedures	<p>In case of spillage it is important to take all steps necessary to:</p> <ul style="list-style-type: none"><li>• Avoid eye and skin contact.</li><li>• Avoid contamination of waterways</li></ul> <p>Procedure for spill:</p> <ol style="list-style-type: none"><li>(1) Keep all bystanders away.</li><li>(2) Wear full length clothing and PVC gloves.</li><li>(3) Reposition any leaking containers so as to minimise further leakage.</li><li>(4) Dam and absorb spill with an absorbent material (e.g. sand or soil).</li><li>(5) Shovel the absorbed spill into drums.</li><li>(6) Material may be suitable for disposal in an approved landfill.</li><li>(7) Decontaminate the spill area with detergent and water and rinse with the smallest volume of water practicable.</li></ol>
----------------------	---

### Section 7: Handling and Storage

Precautions for safe handling	Apply with well-maintained and calibrated equipment. Handle with care.
Approved handlers	Not required
Conditions for safe storage. Packaging	Store in original container, tightly closed, in cool, dry conditions. Store away from foodstuffs. Keep out of reach of children.
Store site requirements	<p>Packaging Schedule 3 (UN Packing group III) for quantities &gt;1L. (Hazardous Substances Packaging Regulations 2001).</p> <p>This substance is subject to a requirement for an emergency management plan (quantities &gt;1000L), secondary containment (quantities &gt;1000L) and signage (quantities &gt;10000L). See Hazardous Substances (Emergency management) regulations 25 to 42.</p>

### Section 8: Exposure / Personal Protective Equipment

Workplace exposure standards. Application in the workplace	None set
Exposure standards outside the workplace	None set
Engineering controls	No special requirements
Personal protection	When opening the container and using the product wear protective clothing including impermeable gloves and eye protection, to avoid skin and eye contact.



# SAFETY DATA SHEET

Vetmed Corporation Limited  
PO Box 217234  
Botany Junction  
Auckland  
Phone: +64 9 274 8848  
Fax: +64 9 274 8842  
This SDS consists of 16 sections.

Page 4

Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 9: Physical and Chemical Properties

Formulation type	Oily solution
Appearance	Clear liquid
Viscosity	No data
Specific gravity	0.99 @ 20°C
Behaviour in water	Slightly soluble

### Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions of use and storage.
Conditions to avoid	Heat, flame, ignitions sources.
Material to avoid	Incompatibilities for 3.1 substances: All class 1 substances (explosives) All class 2 substances (flammable gases) Class 3.2 substances (other combustible liquids) All class 4 substances (flammable solids) All class 5 substances (oxidising agents)
Hazardous decomposition products	Not applicable. This product is unlikely to spontaneously decompose.
Hazardous polymerisation	Not applicable. This product is unlikely to spontaneously polymerise.



# SAFETY DATA SHEET

Vetmed Corporation Limited  
 PO Box 217234  
 Botany Junction  
 Auckland  
 Phone: +64 9 274 8848  
 Fax: +64 9 274 8842  
 This SDS consists of 16 sections.

Page 5  
 Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 11: Toxicological Information

**Inhalation:** Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful.

**Ingestion:** Harmful if swallowed. Danger of serious damage to health by prolonged exposure if swallowed. Levamisole possibly may cause damage to genetic material. Levamisole may affect blood and the haematopoietic system.

Abamectin: Oral LD50 11 mg/kg (rat), 14 mg/kg (mouse)

**Skin:** The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis. May cause skin irritation on prolonged contact. Is a contact sensitiser.

**Eye:** May cause transient discomfort and redness following eye contact.

**Injection:** Effects may vary in severity according to the quantity involved, from localised site reaction (pain, redness, swelling) to a more acute systemic reaction.

**Chronic Effects:** There is limited evidence that skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population. Sensitisation may result in allergic dermatitis responses including rash, itching, hives or swelling of extremities.

**Reproductive Toxicity:** There is some evidence from animal testing that exposure to this material may result in toxic effects to the foetus, and may be harmful to development of breast-fed children.

**Mutagenicity:** Not considered to be carcinogenic, based on the results of animal studies.

**Carcinogenicity:** Not considered to be carcinogenic, based on the results of animal studies.

### Section 12: Environmental Information

Ecotoxicity

Very toxic to aquatic organisms with long lasting effects.  
 Very toxic to terrestrial invertebrates.  
 Harmful to terrestrial vertebrates.  
 Harmful in the soil environment.

Levamisole:

Potentially hazardous to terrestrial vertebrates based on the acute oral toxicity data from laboratory animals [LD50 (rats and mice) ~ 200-500 mg/kg].

Abamectin:

Acute oral LD50: 84.6 mg/kg (mallard ducks), >2000 mg/kg (bobwhite quail)  
 Fish LC50 (96 h): 3.2 ug/l (rainbow trout), 9.6 ug/l (bluegill sunfish), 24 ug/l (channel catfish),  
 42 ug/l (carp)  
 Daphnia EC50 (48 h) 0.34 ppb  
 Other LC50 (96 h) 1.6 ppb (pink shrimp), 0.022 ppb (mysid shrimp), 153 ppb (blue crab)

Bioaccumulation

No bioaccumulation.



# SAFETY DATA SHEET

Vetmed Corporation Limited  
PO Box 217234  
Botany Junction  
Auckland  
Phone: +64 9 274 8848  
Fax: +64 9 274 8842  
This SDS consists of 16 sections.

Page 6

Effective Date: 12/06/19

## Vetmed Dualmax Pour-On

### Section 13: Disposal

Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility. Crush and bury in a suitable landfill. Do not burn. Do NOT use container for any other purpose.

### Section 14: Transport

Dangerous Goods for transport. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Abamectin 0.5%)

The maximum quantity per package of this substance allowed for carriage on public transport is 1L.

Dangerous goods class	9
UN Number	3082

### Section 15: Regulatory

Registered pursuant to the ACVM Act 1997, No. A010760 and A010786.  
See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions

ERMA Approval Code: HSR100758

### Section 16: Other Information

This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.