



# 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.

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Effective Date: 11/05/13

## Vetmed Abamectin Pour-On

### Section 1: Identification of the Substance

Product Name	Vetmed Abamectin 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	6.1D, 6.3B, 6.4A, 6.5B, 6.8B, 6.8C, 6.9B, 9.1A, 9.2C, 9.3C, 9.4A.
Priority identifiers	WARNING KEEP OUT OF REACH OF CHILDREN WARNING Dangerous to the environment
Risk and safety phrases	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. 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 (%)</u>
Abamectin	71751-41-2	1.05
Other ingredients determined not to be hazardous		Up to 100%



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### 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. Rinse mouth. Keep subject warm and at rest. Seek medical attention immediately.
EYES	If splashed in eyes, rinse cautiously with water for at least 15 minutes. Continue rinsing, & if eye irritation persists, seek medical attention.
SKIN	If skin or hair contact occurs remove contaminated clothing and wash affected area thoroughly with plenty of soap and water for at least 15 minutes. If skin irritation or rash occurs, seek medical attention. Dispose of contaminated clothing promptly.
INHALATION	Remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult give oxygen. Seek medical assistance immediately.
Workplace facilities	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face thoroughly before meals and after handling. Wash protective clothing daily after work. Contaminated clothing should not be allowed out of the workplace.
Hygiene practices	
Notes for medical personnel	
	No specific antidote. If poisoning is suspected apply symptomatic therapy. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Only induce vomiting if conscious.

### Section 5: Fire Fighting

Type of hazard	Combustible
Fire hazard properties	If involved in a fire, may emit noxious and/or corrosive fumes. Expansion on heating may lead to violent rupture of containers.
Regulatory requirements	Not applicable
Extinguishing media and methods	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
Hazchem code	3Z
Recommended protective clothing	Gas-tight chemical resistant suit, protective gloves and breathing apparatus.



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### Section 6: Accidental Release

#### Emergency procedures

In case of spillage it is important to take all steps necessary to:

- Avoid eye and skin contact.
- Avoid contamination of waterways

Procedure for spill:

- (1) Keep all bystanders away.
- (2) Wear full length clothing, PVC gloves and eyewear
- (3) Reposition any leaking containers so as to minimise further leakage.
- (4) Dam and absorb spill with an absorbent material (e.g. sand, soil or absorbent granules) and place in a sealable waste container.
- (5) Ventilate area and wash spill site after pick-up complete.
- (6) Dispose of waste safely in an approved landfill.

### Section 7: Handling and Storage

#### Precautions for safe handling

Avoid contact with skin, eyes and inhalation of vapours. Avoid accidental injection. Use personal protective equipment as required.

#### Approved handlers

Not required

#### Conditions for safe storage

Store in original container below 30°C and under secure conditions. Keep out of reach of children.

#### Packaging

Packaging Schedule 3 (UN Packing Group III) for quantities >5L (Hazardous Substances Packaging Regulations 2001).

#### Store site requirements

This substance is subject to a requirement for an emergency management plan, secondary containment and signage, whenever it is held in quantities of 100L or more. See Hazardous Substances (Emergency management) regulations 25 to 42.

### Section 8: Exposure / Personal Protective Equipment

#### Workplace exposure standards. Application in the workplace

N/A.

#### Exposure standards outside the workplace

N/A.

#### Engineering controls

Handle in well ventilated area.

#### 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.



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### Section 9: Physical and Chemical Properties

Formulation type	Clear colourless solution
Appearance	Colourless liquid with a mild odour
Viscosity	N/A
Specific gravity	Approx 0.95
Behaviour in water	Miscible in water

### Section 10: Stability and Reactivity

Stability of the substance	When stored appropriately this product should show no significant degradation for at least 36 months from the date of manufacture.
Conditions to avoid	No specific conditions to avoid.
Material to avoid	No specific materials to avoid.
Hazardous decomposition products	No hazardous products are expected, except when heated to decomposition.
Hazardous polymerisation	Not known to occur.

### 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

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.



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### 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.

#### 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.

### 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 an approved landfill if an approved recycling system is not available. 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 1%)

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. A010786  
See [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm) for registration conditions

ERMA Approval Code: HSR100703



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### 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.