



SAFETY DATA SHEET

Product Name: BANTIX Pour-On

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	BANTIX Pour-On
ACVM approval code:	A11154
Recommended use:	Insecticidal pour-on for tick treatment of cattle and deer.
Company name:	Alleva Animal Health Limited
Address:	15 Calman Place, Birkenhead, Auckland
Telephone:	0064-9-4181405
Emergency telephone number:	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111
Date of Preparation	27 August 2015
Restrictions of Use	Refer to Section 15

SECTION 2: HAZARDS IDENTIFICATION

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval Code: - Veterinary Medicines (non-dispersive open system application) – HSR100759

Pictograms



Irritant



Chronic

Signal Word: **WARNING**

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
6.1E (oral)	H303	May be harmful if swallowed.	Category 5
6.4A	H319	Causes serious eye irritation.	Category 2A



6.8C	H362	May cause harm to breast-fed children.	-
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
9.1C	H412	Harmful to aquatic life with long lasting effects.	Category 3
9.3C	H433	Harmful to terrestrial vertebrates.	-
9.4C	H443	Harmful to terrestrial invertebrates.	-

Prevention Code Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P260	Do not breathe fumes, mist, vapours or spray.
P263	Avoid contact during pregnancy or while nursing.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code Response Statement

P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

None Allocated	
----------------	--

Disposal Code Disposal Statement

P501	Dispose of according to Local Regulations or Authorities
------	--

SECTION 3: COMPOSITION

Product Components:		
Name	CAS	Proportion



Flumethrin	69770-45-2	1% w/v
Other ingredients		to 100%

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:	<p>General Information: Remove victim from contaminated area. If there is a risk of unconsciousness, position and transport in a stable lateral position. Read label before use.</p> <p>Skin Contact: Remove contaminated clothing. Wash with water for several minutes. Get medical attention if needed.</p> <p>Eye Contact: Remove contact lenses, if present and easy to do. Apply continuous irrigation with water for at least 15 minutes holding eyelids apart. If eye irritation persists: Get medical advice/attention.</p> <p>Ingestion: Harmful if swallowed. If vomiting occurs keep head lower than hips to help prevent aspiration. Seek medical attention if needed.</p> <p>Inhalation: Inhalation of this product is unlikely. Seek medical assistance if needed.</p>
--------------------------------------	---

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:	Non-flammable.
Fire hazard properties:	Thermal decomposition products include hydrogen chloride gas, hydrogen fluoride gas and nitrogen oxides.
Extinguishing media and methods:	Sprayed water jet, foam, dry powder CO ₂ or sand.
Hazchem code:	12
Recommended protective clothing:	Fire fighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing as detailed in Section 8. Restrict access to contaminated area.
------------------------------	---



Environmental Precautions:	Contain the spill and prevent further dispersion. Prevent contamination of water courses and sewers.
Procedure for Spills:	Take up with absorbent material such as sawdust, peat or chemical binding agent. Fill material along with any contaminated soil into a sealable container. Clean affected area with aqueous detergent and a small quantity of water. Absorb detergent/water with hydrated lime and fill into same sealable container. Spread hydrated lime over the affected area. Avoid contact with skin. On completion of cleanup, wash all protective clothing and equipment with detergent and water.
Procedure for Disposal:	Contaminated material must be disposed of at an approved landfill or other approved facility in accordance with local, regional and national requirements. Avoid contamination of any water supply with product or empty container.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	<ul style="list-style-type: none"> • Read label before use. • Obtain special instructions before use. • Do not breathe fumes, mist, vapours or spray. • Avoid contact during pregnancy or while nursing. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Avoid release to the environment. • Wear protective clothing.
Approved handlers:	Not required
Conditions for safe storage:	<ul style="list-style-type: none"> • Keep out of reach of children. • Store away from food, drink and animal feeding stuffs. • Store below 30°C. • Avoid heat above 40°C.



	<ul style="list-style-type: none"> • Keep away from heat and moisture. • Suitable container materials include HDPE (high density polyethylene) and steel.
--	---

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No substance has 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.

Engineering controls:	No specialised ventilation required under normal conditions of use.
Personal protection:	<p>Respiratory protection: No respirator is required under normal conditions of use.</p> <p>Hand protection: Wash hands after use.</p> <p>Eye protection: No eye protection is required under normal conditions of use. Under other conditions wear safety goggles.</p> <p>Hygiene procedures: Contaminated gloves should be disposed of. Store work clothes and street clothes separately. Wash hand before breaks and at the end of work. Decontaminate, destroy and dispose of contaminated protective clothing. Keep away from food stuffs, drinks and tobacco</p>

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw coloured oily liquid
Odour	Weak
Odour Threshold	Not applicable



pH	Not applicable
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	>100°C
Flammability	Not applicable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Density	Approx. 0.860 kg/L at 20°C
Solubilities	Insoluble
Partition Coefficient:	Not applicable
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of storage and use.
Conditions to avoid:	None known.
Material to avoid:	Avoid strong oxidising agents and alkalis
Hazardous decomposition products:	Thermal decomposition products include hydrogen chloride gas, hydrogen fluoride gas and nitrogen oxides. Will not polymerise.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects:	
Swallowed	May be harmful if swallowed.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes severe eye irritation.
Skin	Not applicable.
Chronic and long-term effects:	
Reproductive	Not applicable.
Systemic	



Carcinogenicity	Not applicable.
Germ Cell Mutagenicity	May cause harm to breast-fed children.
STOT/RE	May cause damage to organs through prolonged or repeated exposure.

SECTION 12: ENVIRONMENTAL INFORMATION

Ecotoxicity effects:

HSNO Classes:	9.1C = Harmful to aquatic life with long lasting effects. 9.3C = Harmful to terrestrial vertebrates. 9.4C = Harmful to terrestrial invertebrates.
Bioaccumulation:	K - 1.56 not bioaccumulative
Acute daphnia toxicity:	EC ₅₀ (48hr) 0.0027 mg/L Water flea (<i>Daphnia magna</i>)
Acute fish toxicity:	LC ₅₀ (96hr) 0.17 mg/L Trout (<i>Oncorhynchus mykiss</i>) Concentrations down to 0.5mg/L are toxic to goldfish
Algal toxicity	IC ₅₀ (72 hr) 0.59 mg/L Green algae (<i>Desmodesmus subspicatus</i>)

Do not allow to enter waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Product disposal:	Triple rinse containers and dispose of rinsate in a disposal pit away from plants, their roots and any waterways. On site disposal of undiluted chemicals is unacceptable. Dispose of sealed containers at approved local waste disposal site.
Container disposal:	Destroy empty containers by breaking, crushing or puncturing them. Dispose of empty containers at an approved local waste disposal site. Do not burn empty containers or product.

SECTION 14: TRANSPORT INFORMATION

This product is NOT classified as a Dangerous Good for transport in NZ: NZS 5433:2012

SECTION 15: REGULATORY INFORMATION



Regulatory status:	Registered pursuant to the ACVM Act 1997, No. A11154 See www.nzfsa.govt.nz/acvm for registration conditions. Approved pursuant to the HSNO Act, EPA Approval Code HSR100759 See www.epa.govt.nz for approval conditions.
HSNO controls:	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L/Kg (9.4C)
Emergency Response Plan	10 000L/Kg
Secondary Containment	10 000L/Kg
Restriction of Use	None

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. ALLEVA Animal Health Limited makes no warranty with respect hereto and disclaims all liability from reliance thereon.

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.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

® Registered trademark of Alleva Animal Health Limited.

Issued Date: 27 August 2015

Review Date: 27 August 2020