



Bayer HealthCare

MATERIAL SAFETY DATA SHEET**A18201/01/AUS****BAYTICOL POUR-ON LIVE EXPORT CLEARING
TICKICIDE****SECTION 1 – IDENTIFICATION, CONTACTS, HAZARDOUS NATURE**

Bayer Australia Ltd
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Emergency Telephone Number

1800 033 111

24 hour Emergency Service Australia Wide, Toll Free

Contact Point (for non-emergency calls)

Animal Health Division

Telephone Number: (02) 9391-6000

Product Name **BAYTICOL POUR-ON LIVE EXPORT CLEARING
TICKICIDE**

Product Use Insecticidal pour-on for tick treatment of live export cattle.

Other Names Flumethrin

Creation Date 13th October 2004

Revision Date 13th October 2004

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE

NON-DANGEROUS GOODS

Risk Phrases Harmful if swallowed

Safety Phrases Keep locked up and out of reach of children.

**RISK & SAFETY PHRASES ARE NOT REQUIRED ON PACKAGES
INTENDED FOR END USERS. APPROPRIATE SAFETY DIRECTIONS
AND FIRST AID STATEMENTS ARE SHOWN ON THE PRODUCT LABEL.**

SECTION 3 – COMPOSITION

Ingredients	CAS No	Proportion
Flumethrin*	69770-45-2	1.0%
Other ingredients determined not to be hazardous	-	99.0%

*Flumethrin is a synthetic pyrethroid; Cyclopropanecarboxylic acid, 3- 2-chloro-2-(4-chlorophenyl)ethenyl -2,2dimethyl-,cyano(4-fluoro-3-phenoxyphenyl)methyl ester (9CI)

SECTION 4 – FIRST AID MEASURES

Label Regulated First Aid Statement	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131126.
General	Remove victim from contaminated area. If there is a risk of unconsciousness, position and transport in a stable lateral position. Remove soiled or soaked clothing immediately.
Scheduled Poisons	Poisons Information Centres in each State capital city can provide additional assistance for scheduled poisons. Phone 131126.
Inhalation	Inhalation is not an exposure route for this product.
Skin contact	Remove contaminated clothing. Wash affected area immediately with soap and water. Seek medical attention if required.
Eye contact	May irritate the eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion	Toxic if swallowed. If vomiting occurs keep head lower than hips to help prevent aspiration. Seek medical attention if required.
Advice to doctor	No adverse effects are expected if this product is used in accordance with the label. Synthetic pyrethroids can cause irritation of skin and mucous membranes in sensitive individuals (parasthesia). If poisoning occurs, apply basic aid and decontamination procedures. Treat symptomatically and if necessary administer antidote. Skin and mucous membrane irritation caused by synthetic pyrethroids is usually self-limiting upon removal of the irritant and usually resolves within 24-48 hours. The solvent system has no known acute toxic effects.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media	Sprayed water jet, foam, dry powder, CO ₂ , sand.
Fire and Explosion Hazards	Combustible material, C1.
Hazardous Combustion Products	Thermal decomposition products include hydrogen chloride gas, hydrogen fluoride gas, and nitrogen oxides.
Fire Fighting	Fight fire in the early stages if safe to do so. Wear respiratory protection. In well ventilated areas wear full face mask with a combination filter. (Offers no protection from carbon monoxide) In enclosed premises: respirator with independent air supply. Contain firefighting water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release	<p>Use any personal protective equipment listed in Chapter 8.</p> <p>Prevent spillage from spreading or entering soil, waterways and drains.</p> <p>Take up with absorbent material such as sawdust, peat or chemical binding agent. Fill material along with any contaminated soil etc., into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable container. Spread hydrated lime over the affected area. Avoid contact with the skin. On completion of clean up, wash all protective clothing and equipment with detergent and water.</p> <p>Do not eat, drink or smoke during clean-up operation.</p>
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SECTION 7 – HANDLING AND STORAGE

Safe Handling	No specific recommendations. Suitable container materials HDPE (high density polyethylene), steel.
Storage	<p>Keep out of reach of children.</p> <p>Store away from food, drink or animal feeding stuffs.</p> <p>Store below 30°C. Avoid heat above 40°C</p> <p>Keep away from heat or moisture.</p>

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	No exposure allocated.
Ventilation	No ventilation is required under normal conditions of use.
Eye Protection	No eye protection is required under normal conditions of use. Under other conditions of use wear goggles.
Skin Protection	Repeated exposure may cause allergic disorders. Sensitive workers should use protective clothing.
Respirator	No respirator is required under normal conditions of use.
Protective Material Types	Rubber, latex.
General Advice	None

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State	Oily liquid
Colour	Straw
Odour	Weak odour
Boiling Point	Not available

Density	Approx 0.86 kg/L at 20°C
Vapour Pressure	Not available
Viscosity	Not relevant
Solubility in Water	Insoluble
pH	Not relevant
Flash Point	>100°C
Ignition Temperature	Not available
Explosive Limits	Not available
Other Information	The product is packed in 20 litre containers.

SECTION 10 – STABILITY & REACTIVITY

Chemical Stability	Product is stable. No hazardous reactions.
Conditions to Avoid	Avoid strong oxidising agents.
Incompatible Materials	None
Hazardous Decomposition	Thermal decomposition products include hydrogen chloride gas, hydrogen fluoride gas, and nitrogen oxides.
Hazardous Reactions	Will not polymerise.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral LD ₅₀ (rat) >200 mg ai/kg (20 ml (of formulation)/kg) Dermal LD ₅₀ (rat) >50 mg ai/kg (>5 ml (of formulation)/kg)
Local Effects	Eye: non-irritant. Skin: slightly-irritant
Reproductive Effects	None of the ingredients in this product have been shown to produce reproductive effects.
Mutagenicity	None of the ingredients of the formulation have been shown to produce mutagenic effects.
Carcinogenic Effects	None of the ingredients of the formulation have been shown to produce carcinogenic effects.

SECTION 12 – ECOLOGICAL INFORMATION

Octanol/Water Partition Co-efficient	K = 1.56 (propoxur)
Ecotoxicity	Fish toxicity Concentrations down to 0.5 mg/L are toxic to goldfish Daphnia toxicity LC ₅₀ : 0.2 mg/L (48 h) Water flea (<i>Daphnia magna</i>) Flumethrin is a toxic hazard for aquatic organisms

SECTION 13 – DISPOSAL INFORMATION

After Intended Use	<p>Triple rinse containers with diesel, and dispose of rinsate in a disposal pit away from desirable plants and their roots, and watercourses. On site disposal of undiluted chemicals is unacceptable.</p> <p>Destroy empty containers by breaking, crushing or puncturing them. Dispose of the empty containers at a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers to a depth of 500 mm or more at a licensed/approved disposal site. Do not burn empty containers or product.</p>
After spill or accident	Dispose of sealed containers at an approved local waste disposal site.

SECTION 14 – TRANSPORT INFORMATION

UN No	Not classified
UN Proper Shipping Name	Not classified
Class & Subsidiary Risk	Not classified
Packaging Group	Not classified
Hazchem Code	Not classified

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule	S5
APVMA Registration	The product is registered by the APVMA.
Registration Number	57950
Labelling	All necessary directions, precautions and warnings for normal use of the product are included on the product label.

SECTION 16 – OTHER INFORMATION

Summary of Changes
from Last Edition

First edition for new product.

Acronyms

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail

APVMA Australian Pesticides and Veterinary Medicines Authority

CAS Chemical Abstracts Service Registry Number

HDPE High density polyethylene

LDPE Low density polyethylene

NOHSC National Occupational Health & Safety Commission

SUSDP Standard for the Uniform Scheduling of Drugs and Poisons

UN Number United Nations number

Disclaimer

This Material Safety Data Sheet has been developed according to the NOHSC National Code of Practice for the Preparation of MSDS [NOHSC:2011(2003)].

The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof.

The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements.

Bayer Australia Limited make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use of the product.

The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

Due care should be taken to make sure that the use or disposal of this product and / or its packaging is in compliance with relevant Federal, State and Local Government regulations.

END OF MSDS