



SAFETY DATA SHEET ALBATROSS 200 SC INSECTICIDE

Section 1: Identification of the Substance and Supplier

Product name : ALBATROSS 200 SC INSECTICIDE
Chemical name of active Ingredient(s): Fipronil
C12H4C12F6N4OS
Supplier: ADAMA New Zealand Limited
Level1/19 Elms Street, Wakatu Estate, Stoke, Nelson, New Zealand
P.O. Box 1799, Nelson New Zealand.
Telephone +64 3 543 8275 Fax: +64 3 543 8274

Emergency Telephone: 0800 POISON (0800 764 766)

Section 2: Hazards identification

Hazard Classifications: TOXICITY
Warning -
May be harmful if swallowed, inhaled or absorbed through the skin.
May cause damage to the nervous system from repeated oral exposure at high doses.

ECOTOXICITY
Very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container.
Toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.
Toxic to bees –Spray must not contact plants in flower if they are likely to be visited by bees.

Section 3. Composition/information on Ingredients

Substance/preparation	Preparation				
Information on hazardous ingredients *					
Common name	CAS No.	Value	EC Number	Symbol	R-Phrases
Fipronil	120068-37-3	200 g/l			
Base oil: Distillates hydrotreated Heavy paraffinic	64742-54-7	300g/l	265-157-1		

- *Occupational Exposure Limit(s), if available, are listed in section 8*

Section 4: First-Aid Measures

First-aid measures: Remove victim from area of exposure. Wash off remaining material with plenty of water.

Inhalation: Remove victim to fresh air. Keep victim warm and at rest. If breathing is difficult: give oxygen. If not breathing, give artificial respiration. Get medical attention.

Ingestion: **Do not induce vomiting.** Wash out mouth with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Skin contact: Remove contaminated clothing. Wash away remainder with water and Soap. Followed by a warm water rinse. Obtain medical attention.

Eye contact: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Consult eye specialist immediately.

Section 5: Fire-Fighting Measures

Extinguishing media Water spray, water fog, foam, carbon dioxide, dry chemical, sand.
Special exposure hazards: May react with oxidizing substances
Production against fire: Wear proper protective equipment. Self contained breathing apparatus.



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Section 6: Accidental Release Measures

Personal precautions:	Wear appropriate protective clothing. (see section 8)
Environmental precautions:	Dispose of this material and its container at hazardous or special waste collection point. In accordance with national and regional regulations. If the product has contaminated surface water, inform the appropriate authorities. Contaminated soil layers have to be dug out.
Methods for cleaning up:	Minor spillage: Absorb in sand or other inert material. Use appropriate container to avoid environmental contamination. Major spillage: Collect and contain as much free liquid as possible. Dike spills using absorbent or impervious materials such as sand or clay for later disposal.

Section 7: Handling and Storage

Handling:	Keep out of reach of children. Do not eat, drink or smoke while using. Avoid prolonged or repeated skin contact and inhalation.
Storage:	Store in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. As a Class 9 Substance with Ecotoxicity Classifications, storage of Albatross 200SC Insecticide must be carried out in such a manner as to prevent contamination of waterways. It is recommended that The New Zealand Standard for the Management of Agrichemicals (NZS 8409) is followed as a means of meeting the secondary containment provisions of the HSNO Emergency Management Regulations.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:	Distillates (petroleum) Hydro treated heavy paraffinic TVL: (USA) 5mg/m3 mist
Personal protective equipment:	
Respiratory system:	During spraying wear suitable respiratory equipment.
Skin and body:	Wear suitable protective clothing.
Hands:	Chemical resistant gloves.
Eyes:	Safety goggles or Chemical goggles.

Section 9: Physical and Chemical Properties

Physical state:	Liquid
Colour:	Light beige
Odour:	characteristic
pH value:	6-7
Density:	0.99-1.08
Flash Point:	Water solution
Log P octanol:	Fipronil 3.5-4

Section 10: Stability and Reactivity

Physico-chemical Stability:	Stable under normal conditions - avoid excessive heat.
Hazardous reactions :	Reacts with: strong oxidizing agents.
Hazardous decomposition Products:	Carbon monoxide

Section 11. Toxicological Information

Rat Oral LD 50 [mg/kg]	300<LD50<2000 (Approx LD50: 775 mg/kg)
Rabbit dermal LD50 [mg/kg]	>2000
Rat inhalation LC50 mg/l/4h]	Not applicable



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Dermal irritation (rabbit):	Not irritating
Eye irritation (rabbit):	Not irritating
Sensitization :	Guinea-pig maximization test: Non Sensitizer
Carcinogenicity:	Fipronil tech: Not carcinogenic mice Fipronil induced tumours in rats at high dose levels. This mechanism of tumour induction is specific to the rat. Fipronil is not considered to present a carcinogenic risk to humans.
Mutagenicity:	Not mutagenic
Reproduction toxicity:	Not teratogenic in animal experiments

Section 12: Ecological Information

96 H-LC ₅₀ – Rainbow trout [mg/ml]	0.67
48 H-LC ₅₀ – Daphnia magna [µg/l]	.33
EbC ₅₀ Algae [mg/l]	3.51
ErC ₅₀ Algae [mg/l]	>41.2
LD ₅₀ Birds [mg/kg]	Fipronil: Bobwhite quail: 11.3 Fipronil: Mallard duck >2150
Bees LD ₅₀ [µg/bee]	Very toxic to bees
LC ₅₀ Earthworms [mg/kg soil]	NOEC >1000

Section 13: Disposal Considerations

Methods of disposal:	Triple rinse empty container and add rinsate to spray tank. Empty containers and product should NOT be burnt. Crush or puncture containers and bury in an suitable landfill, away from watercourses or if appropriate, recycle. Do not contaminate ponds, waterways and ditches with product or used container.
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Section 14: Transport Information

UN Number	3082
Proper shipping name	Environmentally hazardous substance, Liquid, N.O.S, Fipronil
DG Class	9
Packing Group	III
Hazchem Code	2X
Marine Pollutant	Yes
IER Guide page	47

National transport regulations: Do not carry this product on a passenger service vehicle.

Segregation: Check the land transport Rule Dangerous Goods 1999, Rule 45001 for additional information. Sea transport may require additional segregation. Refer: NZS5433; Sea Segregation, or the International Maritime Dangerous Goods Code for details.

Section 15: Regulatory Information

New Zealand Regulatory Information:

NZFSA Approval: Registered pursuant to the ACVM Act 1997. No PP8120
See www.nzfsa.govt.nz/acvm for registration conditions.

Approved pursuant to the HSNO Act 1996, Approval No. HSR100035
See www.ermanz.govt.nz for registration conditions.



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HSNO Classifications: 6.1D, 6.9A, 9.1A, 9.3B, 9.4A



ECOTOXIC

APPROVED HANDLER - This product must be under the care of an approved handler when it is applied in a wide dispersive manner or used by a commercial contractor.

RECORD KEEPING - Records of use must be kept under certain circumstances – see NZS 8409 Management of Agrichemicals for details.

Section 16: Other Information

Note: This product is a registered agricultural chemical and must be therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Government health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

The information contained in the Safety Data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

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