

Pirimisect

Revised: April 2016

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	PIRIMISECT
Recommended Use:	An insecticide for the control of aphids in agricultural and horticultural crops
Company Identification:	Ravensdown Limited
Address:	292 Main South Road Hornby Christchurch
Customer Centre:	0800 100 123
National Poisons Information Centre:	0800 POISON (0800 764 766)
Emergency Telephone Number:	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
Transport Emergency:	IN AN EMERGENCY, DIAL 111 – FIRE or POLICE

Section 2: HAZARD IDENTIFICATION

Hazard Classifications:	6.1C, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.3A, 9.4C
Priority Identifiers:	TOXIC ECOTOXIC
Secondary Identifiers:	6.1C = May be fatal if swallowed, inhaled or absorbed through the skin 6.3B = Skin irritant 6.4A = Eye irritant 6.5B = Contact sensitiser 6.9B = May cause organ damage from repeat exposure at high doses 9.1A = Very toxic to aquatic organisms 9.3A = Very toxic to terrestrial vertebrates 9.4C = Harmful to terrestrial invertebrates

Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Pirimicarb	23103-98-2	50%
Wetting and dispersing agents	Proprietary	<10%
Non-hazardous ingredients		To 100%

Section 4: FIRST AID MEASURES

First Aid Measures:	Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
Inhalation:	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.
Skin:	Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.
Eye:	Flush with plenty of water for 15 minutes holding eyelids open if necessary.
Advice to Doctor:	Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

Flammability:	Non flammable
Hazardous Combustion Products:	If involved in a fire may generate toxic and irritating gases
Extinguishing Media:	Water fog, foam, carbon dioxide or dry chemical
Protective Equipment:	Full protective clothing and self-contained breathing apparatus
HAZCHEM Code:	2X

Location Certificate:	Not applicable
Hazardous Atmosphere Zone:	Not applicable
Fire Extinguishers:	Not applicable

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate protective clothing. Exclude non-essential people from the area. Sweep up solids without generating dust. Contain liquid spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental Precaution:	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 7: HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid contact with skin, eyes and inhalation of spray mist. Avoid breathing dust.
Approved Handler:	This product must be under the control of an approved handler when applied in a wide dispersive manner or used by a commercial contractor
Tracking:	This product must be tracked
Record Keeping:	Records of use as described in NZS 8409 Management of Agrichemicals must be kept.
Storage:	Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409 Management of Agrichemicals

This product is subject to signage and secondary containment when stored in quantities of 100kg or more, either alone or in aggregate with substances of the same hazard classification. More than 100kg requires emergency response plans. For full details refer to NZS 8409 Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).

Other Information:	Always read the label before use. See label for further information on handling and storage.
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Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	No exposure limits have been assigned for this product by OSHA
Protective Equipment:	When opening the container, preparing spray and when contact with concentrate or solution is likely, wear safety goggles, waterproof gloves, cotton overalls buttoned to the neck and wrist, and boots.
Engineering Controls:	Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation of dust and spray mist.
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off white, beige granule
Odour:	Odourless
Density:	Not available
Solubility in Water:	Disperses in water
pH:	Not applicable
Other Information:	(WDG) Water Dispersible Granule

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture.
Hazardous Polymerisation:	Hazardous polymerisation will not occur
Materials to Avoid:	Avoid contact with strong oxidising agents

Section 11: TOXICOLOGICAL INFORMATION

ERMA Classifications:	6.1C, 6.3B, 6.4A, 6.5B, 6.9B
Inhalation:	
Acute Inhalation	LC ₅₀ (rat) (6hr) 0.3mg/l for pirimicarb When applying this product avoid inhalation of dust and spray mist.
Ingestion:	
Acute Toxicity (Oral)	LD ₅₀ (rat) 147mg/kg for pirimicarb May be fatal if swallowed
Skin:	
Acute Toxicity (Dermal)	LD ₅₀ (rabbit) >1000mg/kg for pirimicarb May cause skin irritation on prolonged contact
Eye:	This product may cause eye irritation, avoid contact with the eyes.

Chronic Effects:	Based on animal studies, reversible signs of neurotoxicity occurred with single doses of 110mg/kg. The NOEL was 40mg/kg.
Reproductive Toxicity:	Data indicates no reproductive effects
Mutagenicity:	No mutagenic or teratogenic effects expected
Carcinogenicity:	Based on the results of animal studies not considered to be carcinogenic to humans

Section 12: ECOLOGICAL INFORMATION

ERMA Classifications:	9.1A, 9.3A, 9.4C
Ecotoxicity:	
Acute Toxicity (fish) (metsulfuron methyl)	LC ₅₀ (minnow) (96hr) >100mg/l LC ₅₀ (rainbow trout) (96hr) 79mg/l
Very toxic to aquatic organisms	
Acute Toxicity (birds)	LD ₅₀ (mallard duck) 28mg/kg LD ₅₀ (bobwhite quail) 21mg/kg
Very toxic to birds	
Acute Toxicity (bees)	LD ₅₀ 4ug/bee (oral)
Harmful to terrestrial invertebrates	
Persistence/Mobility:	Low mobility in soil. Microbial degradation and hydrolysis is the major cause of loss from the soil.

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or at an approved landfill
Container Disposal:	Ensure container is completely empty. Burn in an appropriate incinerator if circumstance, such as wind direction permit. Otherwise crush and bury in an approved landfill. Do not use container for any other purpose.

Section 14: TRANSPORT INFORMATION

RAIL/ROAD:	UN Number: 2757
Proper Shipping Name:	CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S (pirimicarb 50%)
DG Class:	6
Packing Group:	III
Marine Pollutant:	Yes
SEA (IMDG Code):	UN Number: 2757
Proper Shipping Name:	CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S (pirimicarb 50%)
DG Class:	6
Packing Group:	III
Marine Pollutant:	Yes
AIR: (ICAO/IATA)	UN Number: 2757
Proper Shipping Name:	CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S (pirimicarb 50%)
DG Class:	6
Packing Group:	III
Marine Pollutant:	Yes
Other Information:	Do not carry PIRIMICARB on a passenger service vehicle Check the latest Land Transport of Dangerous Goods NZS 5433 for additional information on segregation. Sea and air transport may require further segregation.

Section 15: REGULATORY INFORMATION

ACVM:	Registered pursuant to the ACVM Act 1997, P7109 See www.foodsafety.govt.nz for registration conditions.
ERMA:	Approved pursuant to the HSNO Act 1996, Code: HSR000703 See www.epa.govt.nz for approval controls.

Section 16: OTHER INFORMATION

This SDS supersedes all previous versions.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.