


Safety Data Sheet

Piritek®

 Date of issue: 10th June, 2015

1) Identification of Substance:		
Product name:	Piritek	
Active Ingredient(s):	500g/kg pirimicarb	
ACVM Approval:	P7737	
EPA Approval:	HSR007884	
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adriacp.co.nz	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
2) Hazards Identification:		
		
Priority Identifiers:	Toxic, Ecotoxic, Keep Out of Reach of Children.	
HSNO Classifications:	6.1C (oral) – May be fatal if swallowed. 6.1D (inhalation) – May be harmful if inhaled. 6.4A – May cause eye irritation. 6.5B – May cause an allergic skin reaction. 6.9B – May cause organ damage from repeated ingestion at high doses. 9.1A – Very toxic to aquatic organisms. 9.3A – Very toxic to terrestrial vertebrates. 9.4B – Toxic to terrestrial invertebrates.	
3) Composition Details:		
Chemical identity:	Pirimicarb	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Pirimicarb	23103-98-2	50%
4) First Aid Measures:		
General Information:		
Skin contact:	After contact with skin, wash immediately with soap and water.	
Eye contact:	If product or spray enters eyes, wash out immediately and continue rinsing with clean water for at least 15 minutes. Obtain medical attention.	
Ingestion:	If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.	

Inhalation:	Keep patient calm. Remove to fresh air and seek medical attention.
Further Information:	Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.
5) Fire-Fighting Measures:	
Specific hazards:	Toxic fumes.
Extinguishing media and methods:	Water spary, foam, dry extinguishing media, carbon dioxide.
Recommended protective clothing:	Wear SCBA and chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Use protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.
Environmental precautions:	Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.
Spill procedures:	Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material.
Disposal procedures:	Dispose of waste safely, according to local Council regulations.
7) Handling, Storage & Use:	
Handling:	Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Equipment:	Apply using calibrated and maintained equipment in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409).
Storage:	Keep away from heat and protect from sunlight. Storage must be generally in accordance with the NZ Standard for the Management of Agrichemicals (NZS8409). Keep locked up.
Spray Drift:	The person applying the substance must not cause adverse effects beyond the boundary of the treated property, and must also avoid adverse effects from spray drift occurring. Mitigation measures employed must be recorded as part of the application records.
Bees:	THIS PRODUCT IS VERY TOXIC TO BEES. Do not apply this product to any plant or tree likely to be visited by bees: a) At the time of application; or b) Immediately after application until spray has dried; or c) In areas where bees are foraging.

8) Exposure Control / Personal Protection:

PERSONAL PROTECTIVE (PPE) AND RESPIRATORY PROTECTIVE EQUIPMENT (RPE):

Avoid contact with eyes and skin. Avoid inhalation of vapour or spray mist. When mixing or applying, wear chemical resistant overalls, chemical resistant boots and gloves, chemical resistant footwear plus socks, chemical resistant head gear, eye protection and respirator (organic vapour and particulate matter). Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Avoid handling, mixing or use of the product or container near heat, flame or other source of ignition.

Eye protection:

Safety goggles with side-shields.

Hand protection:

Suitable chemical resistant safety gloves (e.g. nitrile rubber (.4mm)).

Other protective equipment:

Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.

General Safety & Hygiene measures:

Females of childbearing age should not come into contact with the product. Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use. Wash hands and face before breaks and after work.

RESTRICTED ENTRY INTERVAL (REI):

The REI is 24 hours. The person in charge is responsible for making sure no person enters the application area before the end of the REI.

9) Physical & Chemical Properties:

Form:

Water dispersible granule

Colour:

Beige

Odour:

Characteristic odour

Melting point/boiling point:

± 90 °C

Density:

± 600 g/L

Surface tension:

N/A

pH:

± 6,6

Flash point:

N/A

Ignition Temperature:

N/A

Explosive Limits:

N/A

10) Stability & Reactivity:

Conditions to avoid:

Temperature extremes

Materials to avoid:

None known at time of publishing

Hazardous reactions:

None known at time of publishing

11) Toxicological Information:

Acute oral toxicity:

LD₅₀ > 150 mg/kg

Acute inhalation toxicity:



LC₅₀ (rat) 0.3mg/l/6h

Acute dermal toxicity:

LD₅₀ > 500 mg/kg

Skin irritation:

May be an irritant

Eye irritation:	Slightly irritating
Sensitisation:	Not under normal conditions of use
12) Ecological Information:	
Ecotoxicity:	VERY TOXIC TO AQUATIC ORGANISMS. DO NOT contaminate an aquatic environment with chemical or empty container. DO NOT spray over, or allow drift to drift over, an aquatic environment. Must not be applied onto or into water. DO NOT allow drift outside the target area to occur. Spray must not be applied in an area where bees are foraging. Toxic to the soil environment. Very toxic to terrestrial vertebrates. Very toxic to terrestrial invertebrates.
Acute fish toxicity:	LC50 (96 h) for rainbow trout 79, bluegill sunfish 55, fathead minnows >100 mg/l.
Toxicity for daphnia:	EC50 (48 h) 0.017 mg/l.
Toxicity to algae:	EC50 (96 h) for <i>Selenastrum sp.</i> 140 mg/l.
13) Disposal Considerations:	
Disposal: 	Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.
Empty container precautions:	VERY TOXIC TO AQUATIC ORGANISMS. Avoid contamination of any water supply with chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S. (Pirimicarb) Class 6.1 Packing group III UN: 2757 

Sea (IMDG code):	<p>CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S. (Pirimicarb) Class 6.1 Packing group III UN: 2757 Marine Pollutant</p> 
Air (ICAO/IATA):	<p>CARBAMATE PESTICIDE, SOLID, TOXIC, N.O.S. (Pirimicarb) Class 6.1 Packing group III UN: 2757</p> 
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler at all times. Tracking required.
ACVM controls:	See www.foodsafety.govt.nz for registration conditions.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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