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of Australia**

**Gazette**

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**AGRICULTURAL AND  
VETERINARY CHEMICALS**



**Australian Government**

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**Australian Pesticides and  
Veterinary Medicines Authority**

The *Agricultural and Veterinary Chemical Code Act 1994* (the Act) commenced on 15 March 1995. The Agricultural and Veterinary Chemicals Code (the Agvet Code) scheduled to the Act requires notices to be published in the *Gazette* containing details of the registration of agricultural and veterinary chemical products and other approvals granted by the Australian Pesticides and Veterinary Medicines Authority. The Agvet Code and related legislation also requires certain other notices to be published in the *Gazette*.

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## GENERAL INFORMATION

The *APVMA (Australian Pesticides and Veterinary Medicines Authority) Gazette* is published fortnightly and contains details of the registration of agricultural and veterinary chemicals products and other approvals granted by the APVMA, notices as required by the Agricultural and Veterinary Chemicals Code (the Agvet Code) and related legislation and a range of regulatory material issued by the APVMA.

Pursuant to section 53(1) of the Agvet Code, the APVMA has decided that it is unnecessary to publish details of applications made for the purpose of notifying minor variations to registration details. The APVMA will however report notifications activity in quarterly statistical reports.

## DISTRIBUTION AND SUBSCRIPTION

From February 2010, the APVMA will publish the *APVMA Gazette* in electronic format only. The *APVMA Gazette* and information about subscribing to the gazette alert service are available on the APVMA website, [www.apvma.gov.au](http://www.apvma.gov.au).

Copies of the *APVMA Gazette* from November 1999 until July 2009 will remain available from the APVMA website.

## APVMA CONTACTS

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## NOTICE OF REGISTRATIONS

### Agricultural Chemical Products

Pursuant to the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994*, the APVMA hereby gives notice that it has registered or varied the registration in respect of the following products, with effect from the dates shown.

#### 1. RESTRICTED PRODUCT

No Entries

#### 2. AGRICULTURAL PRODUCTS BASED ON NEW ACTIVE CONSTITUENTS

No Entries

#### 3. AGRICULTURAL PRODUCTS BASED ON EXISTING ACTIVE CONSTITUENTS

##### REISSUE - 58102\_

Product Name:	Wet & Forget Moss & Mould Remover
Active Constituent/s:	99g/L benzalkonium chloride
Applicant Name:	Wet And Forget Ltd
Applicant ACN:	N/A
Summary of Use:	For control of moss, algae, lichen and liverwort on paths, roofs and other hard surfaces and in golf and bowling greens and lawns.
Date of Registration:	19 October 2004
Label Approval No:	58102/5L/0604

Product Name:	4Farmers Metsulfuron-Methyl 600 WG Selective Herbicide
Active Constituent/s:	600g/kg metsulfuron-methyl
Applicant Name:	4 Farmers Pty Ltd
Applicant ACN:	067 443 485
Summary of Use:	Registration of a 600g/kg metsulfuron methyl water dispersible granule for the control of certain brush and broadleaf species in native pastures, rights of way and commercial and industrial areas and for the control of certain broadleaf weeds in winter cereal crops, grass pasture and pasture renovation.
Date of Registration:	15 December 2010
Label Approval No:	62576/43379

Product Name:	Country Alpha-Cypermethrin PC50 Residual Insecticide
Active Constituent/s:	50g/L alpha-cypermethrin
Applicant Name:	Accensi Pty Ltd
Applicant ACN:	079 875 184
Summary of Use:	For use in industrial, commercial, domestic and public health situations for the control of cockroaches, spiders, silverfish, fleas, flies and ants.
Date of Registration:	16 December 2010
Label Approval No:	65326/50706

Product Name:	Imtrade Pterodactyl 900 WG Pre-Emergence Herbicide
Active Constituent/s:	900g/kg chlorthal dimethyl
Applicant Name:	Imtrade Australia Pty Ltd
Applicant ACN:	090 151 134
Summary of Use:	For the pre-emergent control of certain weeds in brassicas, beans, peas, garlic, onions, carrots, potatoes, turnips and for weeds controlled in strawberries, cotton, lucerne, perennial grass crops, lawns and ornamentals.
Date of Registration:	16 December 2010
Label Approval No:	65212/50417

Product Name:	AC Tussel Selective Herbicide
Active Constituent/s:	60g/L cloquintocet-mexyl, 240g/L clodinafop-propargyl
Applicant Name:	Axichem Pty Ltd
Applicant ACN:	131 628 594
Summary of Use:	For the control of wild oats, paradoxa grass, canary grass and annual ryegrass in wheat.
Date of Registration:	16 December 2010
Label Approval No:	65369/50770

Product Name:	Spa Fresh Spa Sanitiser, Conditioner, Clarifier & Bactericide
Active Constituent/s:	150g/L hydrogen peroxide
Applicant Name:	Spa Industries Pty. Ltd
Applicant ACN:	072 108 582
Summary of Use:	For use as a sanitiser in spas.
Date of Registration:	17 December 2010
Label Approval No:	65124/50210

Product Name:	Smart Haloxyfop 520 EC Herbicide
Active Constituent/s:	520g/L haloxyfop present as haloxyfop-p methyl ester
Applicant Name:	Crop Smart Pty Ltd
Applicant ACN:	093 927 961
Summary of Use:	For the post-emergent control of a wide range of annual and perennial grass weeds in grain legume and oilseed crops, lucerne, medic, clover pasture and seed crops, forestry, bananas, citrus, grapes, pineapples, pome and stone fruit, pyrethrum, tropical fruit and nut crops.
Date of Registration:	17 December 2010
Label Approval No:	64587/48714

Product Name:	Pacific Atrazine 900 DF Herbicide
Active Constituent/s:	900g/kg atrazine
Applicant Name:	Pacific Agriscience Pty Ltd
Applicant ACN:	096 082 316
Summary of Use:	For the control of weeds and grasses in sorghum, maize, sugar cane, TT-canola, lucerne and for fallow area maintenance and other situations.
Date of Registration:	20 December 2010
Label Approval No:	65716/51683

Product Name:	Mazzy's Magic Chalk Cockroach Bait
Active Constituent/s:	10g/kg cypermethrin
Applicant Name:	Lonehart Enterprises Pty Ltd
Applicant ACN:	138 617 151
Summary of Use:	For the control of cockroaches in domestic and industrial situations.
Date of Registration:	20 December 2010
Label Approval No:	64516/48548
Product Name:	Clark Rubber Filtrite Sanit-Eezy Eezy Sanitiser
Active Constituent/s:	200g/L polyhexanide hydrochloride
Applicant Name:	Clark Rubber Franchising Pty Ltd
Applicant ACN:	065 708 723
Summary of Use:	For control of bacteria in swimming pools.
Date of Registration:	20 December 2010
Label Approval No:	64823/50208
Product Name:	Mortein Odourless Mozzie And Fly Zapper
Active Constituent/s:	7.3g/L transfluthrin
Applicant Name:	Reckitt Benckiser (Australia) Pty Limited
Applicant ACN:	003 274 655
Summary of Use:	For the control of mosquitoes and flies around the home.
Date of Registration:	21 December 2010
Label Approval No:	64992/49797
Product Name:	Dairy Power Acid Powder Detergent
Active Constituent/s:	850g/kg sulfamic acid
Applicant Name:	Campbell Brothers Limited
Applicant ACN:	009 657 489
Summary of Use:	For cleaning dairy farm milking equipment.
Date of Registration:	22 December 2010
Label Approval No:	64926/49601
Product Name:	Rygel Penatra Organosilicone Penetrant
Active Constituent/s:	1020g/L polyether modified polysiloxane
Applicant Name:	Rygel Australia Pty. Ltd.
Applicant ACN:	106 839 007
Summary of Use:	For use with <i>glyphosate</i> and certain brush weed herbicides to improve coverage, penetration and uptake on brush and woody weeds and ryegrass. Also for use with fungicides, insecticides, miticides and foliar micronutrients.
Date of Registration:	22 December 2010
Label Approval No:	64953/49799
Product Name:	Smart Triasulfuron 750 WG Herbicide
Active Constituent/s:	750g/kg triasulfuron
Applicant Name:	Crop Smart Pty Ltd
Applicant ACN:	093 927 961
Summary of Use:	For pre-plant control of annual ryegrass, paradoxa grass and certain broadleaf weeds in wheat and for post-emergent control of wild radish in wheats, oats and barley.
Date of Registration:	22 December 2010
Label Approval No:	60893/49989

Product Name:	Pureblue Pure & Sparkling Algaecide
Active Constituent/s:	685g/L poly oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride
Applicant Name:	United Eastern Chemicals Pty Ltd
Applicant ACN:	099 897 177
Summary of Use:	For control of black spot algae in swimming pools.
Date of Registration:	23 December 2010
Label Approval No:	61666/50023

Product Name:	Melpat Mildex WG Fungicide
Active Constituent/s:	159g/kg copper (Cu) present as copper oxychloride, 546g/kg sulphur
Applicant Name:	Melpat International Pty Ltd
Applicant ACN:	066 067 507
Summary of Use:	For the control of Downy Mildew and Powdery mildew on grapevines.
Date of Registration:	23 December 2010
Label Approval No:	64640/48831

Product Name:	AW Scrimmage 720 Herbicide
Active Constituent/s:	720g/L metolachlor
Applicant Name:	Agri West Pty Limited
Applicant ACN:	108 899 181
Summary of Use:	For the control of certain annual grasses and broadleaf weeds in certain crops.
Date of Registration:	23 December 2010
Label Approval No:	65551/51235

Product Name:	Conquest LV Ester 680 Herbicide
Active Constituent/s:	680g/L 2,4-D present as the 2 ethylhexyl ester
Applicant Name:	Conquest Crop Protection Pty Ltd
Applicant ACN:	098 814 932
Summary of Use:	For the selective control of various weeds in crops, pastures and non-agricultural areas.
Date of Registration:	5 January 2011
Label Approval No:	64951/49675

Product Name:	Bioguard Smart Shock Pool Oxidiser
Active Constituent/s:	405g/kg available chlorine (Cl) present as sodium dichloroisocyanurate, 2.6g/kg copper present as copper citrate
Applicant Name:	Chemtura Australia Pty Ltd
Applicant ACN:	005 225 507
Summary of Use:	For the control of bacteria and algae in swimming pools.
Date of Registration:	4 January 2011
Label Approval No:	59793/36779

Product Name:	Mesuro 500 SC Insecticide
Active Constituent/s:	500g/L methiocarb
Applicant Name:	Bayer Cropscience Pty Ltd
Applicant ACN:	000 226 022
Summary of Use:	For the control of slugs and insects in grapevines, poppies and ornamentals as specified in the Directions for use table.
Date of Registration:	5 January 2011
Label Approval No:	58961/58961

Product Name:	Metsuron 600 Herbicide
Active Constituent/s:	600g/kg metsulfuron-methyl
Applicant Name:	Biotis Life Science Pty Ltd
Applicant ACN:	103 118 887
Summary of Use:	For the control of certain brush and broadleaf weeds in winter cereals, pastures and various situations.
Date of Registration:	06 January 2011
Label Approval No:	63968/49296

Product Name:	AW Sicem Selective Herbicide
Active Constituent/s:	200g/L bromoxynil present as the N-octanoyl ester, 200g/L MCPA present as the ethyl hexyl ester
Applicant Name:	Agri West Pty Limited
Applicant ACN:	108 899 181
Summary of Use:	For the control of certain broadleaf weeds in wheat, barley, oats, cereal rye, triticale, linseed, grass pastures and turf.
Date of Registration:	07 January 2011
Label Approval No:	65216/50430

Product Name:	Banish 360 Sync Knockdown Herbicide
Active Constituent/s:	360g/L glyphosate present as the isopropylamine and mono-ammonium salts
Applicant Name:	Agricrop Pty Ltd
Applicant ACN:	100 473 309
Summary of Use:	For the control of annual, perennial and aquatic weeds in various situations.
Date of Registration:	07 January 2011
Label Approval No:	65289/50640

Product Name:	Titan Tri-Allate 500 EC Herbicide
Active Constituent/s:	500g/L tri-allate
Applicant Name:	Titan Ag Pty Ltd
Applicant ACN:	122 081 574
Summary of Use:	For the control of wild oats in wheat, triticale, chickpeas, barley, peas, linseed, lupins, canola, faba beans and safflower.
Date of Registration:	10 January 2011
Label Approval No:	65474/51426

Product Name:	Kills Up To 6 Months Woolworths Select Extra Strength High Performance Surface Spray
Active Constituent/s:	1.4g/kg imiprothrin, 2g/kg cypermethrin
Applicant Name:	Woolworths Ltd
Applicant ACN:	000 014 675
Summary of Use:	Aerosol product for use as a surface spray to control crawling insects in the home.
Date of Registration:	10 January 2011
Label Approval No:	65084/50099



Product Name:	AC Terbulence Herbicide
Active Constituent/s:	160g/L MCPA present as the potassium salt, 275g/L terbutryn
Applicant Name:	Axichem Pty Ltd
Applicant ACN:	131 628 594
Summary of Use:	For the control of seedling broadleaf weeds in wheat, barley, some varieties of oats, pasture and sugarcane.
Date of Registration:	10 January 2011
Label Approval No:	65486/51029

Product Name:	Waterspout Aquarium Algae Block
Active Constituent/s:	2.75g/kg diuron
Applicant Name:	L.J. Browne
Applicant ACN:	N/A
Summary of Use:	For the control of most algae common to freshwater aquariums containing fish not intended for human consumption.
Date of Registration:	11 January 2011
Label Approval No:	65394/50825

Product Name:	Talon Ant Kill Gel
Active Constituent/s:	0.1g/kg thiamethoxam
Applicant Name:	Syngenta Crop Protection Pty Limited
Applicant ACN:	002 933 717
Summary of Use:	For the use in the control of ants in indoor and outdoor situations.
Date of Registration:	11 January 2011
Label Approval No:	64987/49792

Product Name:	Macphersons Chopper 750 SG Herbicide
Active Constituent/s:	750 g/kg imazapyr
Applicant Name:	Ronic International Pty Limited
Applicant ACN:	101 193 131
Summary of Use:	For the control of various annual and perennial weeds in non-crop situations.
Date of Registration:	11 January 2011
Label Approval No:	64874/49502

#### 4. LISTED REGISTRATIONS

No Entries

#### 5. VARIATIONS

Product Name:	Farmalinx Floxor 200 EC Herbicide
Applicant Name:	Farmalinx Pty Ltd
Applicant ACN:	134 353 245
Summary of Variation:	To change product name from FARMALINX FLOXOR HERBICIDE to FARMALINX FLOXOR 200EC HERBICIDE, add formulators and alternate formulation and update RLP.
Date of Variation:	15 December 2010
Label Approval No:	64314/51018

Product Name:	AC Letfly 500 Herbicide
Applicant Name:	Axichem Pty Ltd
Applicant ACN:	131 628 594
Summary of Variation:	To update the company details and change product name from AW LETFLY HERBICIDE to AC LETFLY 500 HERBICIDE.
Date of Variation:	17 December 2010
Label Approval No:	64452/50699

Product Name:	Imtrade Confront 800 WG Insecticide
Applicant Name:	Imtrade Australia Pty Ltd
Applicant ACN:	090 151 134
Summary of Variation:	To change product name from CHEMAG CONFRONT 800 WG INSECTICIDE to IMTRADE CONFRONT 800 WG INSECTICIDE and add formulators.
Date of Variation:	22 December 2010
Label Approval No:	59763/51032

Product Name:	Imtrade Picker Herbicide
Applicant Name:	Imtrade Australia Pty Ltd
Applicant ACN:	090 151 134
Summary of Variation:	To change product name from PICKER HERBICIDE to IMTRADE PICKER HERBICIDE, site of manufacture and minor formulation change.
Date of Variation:	22 December 2010
Label Approval No:	56453/48774

Product Name:	Turf Culture Kermit 360 Herbicide
Applicant Name:	Turf Culture Pty Ltd
Applicant ACN:	117 986 615
Summary of Variation:	To change product name from TURF CULTURE KERMIT GLYPHOSATE HERBICIDE to TURF CULTURE KERMIT 360 HERBICIDE and make a minor formulation change.
Date of Variation:	22 December 2010
Label Approval No:	63601/51474

Product Name:	Antec Virkon S The Broad Spectrum Virucidal Bactericidal Fungicidal Disinfectant
Applicant Name:	Lienert Australia Pty Ltd
Applicant ACN:	008 293 007
Summary of Variation:	To extend the use to include the routine disinfection of footwear.
Date of Variation:	24 December 2010
Label Approval No:	48185/45954

Product Name:	Premise Foam Insecticide
Applicant Name:	Bayer Cropscience Pty Ltd
Applicant ACN:	000 226 022
Summary of Variation:	To extend use to treating enclosed harbourages in indoor situations for control of bedbugs.
Date of Variation:	5 January 2011
Label Approval No:	59345/47889

Product Name:	Farmalinx Dicam 500 Herbicide
Applicant Name:	Farmalinx Pty Ltd
Applicant ACN:	134 353 245
Summary of Variation:	Variation to registration details for an alternate formulation, additional formulators & change product name from FARMALINX DICAM HERBICIDE to FARMALINX DICAM 500 HERBICIDE.
Date of Variation:	11 January 2011
Label Approval No:	64306/2.5-5L/0910, 64306/10-1000L/0910, 64306/0910

Product Name:	Farmalinx Trifluralinx 480 Herbicide
Applicant Name:	Farmalinx Pty Ltd
Applicant ACN:	134 353 245
Summary of Variation:	Variation to registration details for an alternate formulation, additional formulators & change of product name from FARMALINX TRIFLURALINX HERBICIDE to FARMALINX TRIFLURALINX 480 HERBICIDE.
Date of Variation:	11 January 2011
Label Approval No:	64444/49150

## 6. RESTRICTED PRODUCT VARIATION

No Entries

## Veterinary Chemical Products

Pursuant to the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994*, the APVMA hereby gives notice that it has registered or varied the registration in respect of the following products, with effect from the dates shown.

### 7. RESTRICTED PRODUCT

No Entries

### 8. VETERINARY PRODUCTS BASED ON NEW ACTIVE CONSTITUENTS

No Entries

### 9. VETERINARY PRODUCTS BASED ON EXISTING ACTIVE CONSTITUENTS

#### REISSUE - 63695\_46284

Product Name:	Eagle Pack Natural Dog Food Fortified With Vitamins & Minerals Original Adult Pork Meal & Chicken Meal Formula
Active Constituent/s:	Omega 3 Fatty Acid Min .3%, Omega 6 Fatty Acid Min 3%, Total lactic acid producing organisms 240 million CFU/lb, Amylase 5 Dextrin Units/lb, Cellulase 100 Cellulase Units/lb, Protease 280 HUT/lb, Total bacillus organisms 7 million CFU/lb.
Applicant Name:	Eagle Pack Pet Food Pty Ltd
Applicant ACN:	107 481 783
Summary of Use:	Adult dog pet food for normal mature dogs containing direct fed microbes and enzymes.
Date of Registration:	01 December 2010
Label Approval No:	63695/46284

#### REISSUE - 63694\_46283

Product Name:	Feline Holistic Select Radiant Adult Health Duck Meal Recipe
Active Constituent/s:	Omega 3 Fatty Acid Min 0.52 %, Omega 6 Fatty Acid Min 3.60 %, Glucosamine hydrochloride 41 mg/cup, Total lactic acid producing organisms 240 million CFU/lb, Cellulase 100 Cellulase Units/lb, Protease 280 HUT/lb, Carotene-beta 5.00 mg/kg, Total bacillus organisms 7 million CFU/lb, Amylase 5 Dextrin Units/lb.
Applicant Name:	Eagle Pack Pet Food Pty Ltd
Applicant ACN:	107 481 783
Summary of Use:	Adult cat pet food for normal mature cats containing direct fed microbes and enzymes.
Date of Registration:	01 December 2010
Label Approval No:	63694/46283

REISSUE - 63696\_46285

Product Name:	Holistic Select Radiant Adult Health Duck Meal Recipe
Active Constituent/s:	Omega 3 Fatty Acid Min .50 %, Omega 6 Fatty Acid Min. 3.00 %, Glucosamine hydrochloride 41mg/cup, Total lactic acid producing organisms 240 million CFU/lb, Amylase 5 Dextrin Units/lb, Cellulase 100 Cellulase Units/kg, Protease 280 HUT/lb, Carotene-beta 5mg/kg, Total bacillus organisms 7 million CFU/lb.
Applicant Name:	Eagle Pack Pet Food Pty Ltd
Applicant ACN:	107 481 783
Summary of Use:	Pet food adult dogs containing glucosamine, direct fed microbes and enzymes.
Date of Registration:	02 December 2010
Label Approval No:	63696/46285

REISSUE – 38422\_49125

Product Name:	Sykes Big L Worm Drench For Sheep & Cattle
Applicant Name:	Sykes Vet (International) Pty. Ltd.
Applicant ACN:	085 158 434
Summary of Variation:	To particulars and label approval to include ESI statement.
Date of Variation:	7 December 2010
Label Approval No:	38422/49125

Product Name:	Moxitak Oral Drench For Sheep
Active Constituent/s:	1g/L moxidectin
Applicant Name:	Bomac Research Pty Ltd
Applicant ACN:	125 425 149
Summary of Use:	For the treatment and control of moxidectin sensitive gastrointestinal parasites (including benzimidazole and levamisole resistant strains), lungworms and itchmite of sheep.
Date of Registration:	16 December 2010
Label Approval No:	64485/48482

Product Name:	Coopers Bovilis MH+IBR Bovine Respiratory Disease (BRD) Vaccine
Active Constituent/s:	inactivated <i>mannheimia haemolytica</i> strain x387 (Leucotoxin producing) $\geq 1 \times 10^7$ orgs/mL, strain x332 $\geq 1 \times 10^8$ orgs/mL inactivated bovine herpes virus type 1.2b $1 \times 10^7$ orgs/mL
Applicant Name:	Intervet Australia Pty Limited
Applicant ACN:	008 467 034
Summary of Use:	As an aid in the control of cattle respiratory disease caused by <i>Mannhemia haemolytica</i> and Bovine Herpes virus-type 1.
Date of Registration:	22 December 2010
Label Approval No:	64608/48763

Product Name:	Cefomax Powder For Injection
Active Constituent/s:	50mg/mL ceftiofur as ceftiofur sodium
Applicant Name:	Jurox Pty Limited
Applicant ACN:	000 932 230
Summary of Use:	For the treatment of respiratory infections in horses and cattle, and urinary tract infections in dogs.
Date of Registration:	06 January 2011
Label Approval No:	64773/49238

Product Name:	Equinate Injection
Active Constituent/s:	10mg/mL sodium hyaluronate
Applicant Name:	Randlab Australia Pty Ltd
Applicant ACN:	114 948 837
Summary of Use:	For use in the treatment of lameness in horses.
Date of Registration:	06 January 2011
Label Approval No:	65128/50221

Product Name:	Ronozyme ProAct (CT)
Active Constituent/s:	75,000 PROT/g serine protease
Applicant Name:	DSM Nutritional Products Australia Pty Limited
Applicant ACN:	000 991 793
Summary of Use:	An enzyme feed additive for improved digestion of protein in poultry.
Date of Registration:	10 January 2011
Label Approval No:	64898/49551

Product Name:	Paw Pure Animal Wellbeing Osteosupport Joint Care Powder For Cats
Active Constituent/s:	500mg/Capsule green lipped mussel powder ( <i>Perna canaliculus</i> )
Applicant Name:	Pure Animal Wellbeing Pty Limited
Applicant ACN:	114 807 475
Summary of Use:	To aid in the relief of arthritic symptoms in cats.
Date of Registration:	12 January 2011
Label Approval No:	65473/51004

## 10. LISTED REGISTRATIONS

No Entries

## 11. VARIATIONS

Product Name:	Paw Pure Animal Wellbeing Osteosupport Joint Care Powder For Dogs
Applicant Name:	Pure Animal Wellbeing Pty Limited
Applicant ACN:	114 807 475
Summary of Variation:	Variation of registration and label approval to remove cat from the label claims and to change the product name from PAW PURE ANIMAL WELLBEING OSTEOSUPPORT JOINT CARE POWDER to PAW PURE ANIMAL WELLBEING OSTEOSUPPORT JOINT CARE POWDER FOR DOGS.
Date of Variation:	12 January 2011
Label Approval No:	61081/51002

## 12. RESTRICTED PRODUCT VARIATION

No Entries

## NOTICE – NEW AGRICULTURAL CHEMICAL PRODUCTS

### Prodiamine in the product Barricade Turf Herbicide

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application from Syngenta Crop Protection Pty Ltd, for registration of a new product containing the prodiamine. The product is **BARRICADE TURF HERBICIDE**. The product is for use on established turf for pre-emergent control of various grass weeds.

#### PARTICULARS OF THE APPLICATION

<b>Proposed Product Name(s):</b>	<b>BARRICADE TURF HERBICIDE</b>
<b>Applicant Company:</b>	Syngenta Crop Protection Pty Ltd
<b>Name of Active Constituent:</b>	prodiamine
<b>Signal Heading:</b>	Exempt from scheduling
<b>Summary of Proposed Use:</b>	For pre-emergent control of weeds in established turf
<b>Pack Sizes:</b>	5L, 10L
<b>Withholding Period:</b>	Do not graze treated turf/lawn or feed turf/lawn clippings from any treated area to poultry or livestock

#### SUMMARY OF THE APVMA'S EVALUATION OF BARRICADE TURF HERBICIDE IN ACCORDANCE WITH SECTION 14(3)(E) AND (F) OF THE AGRICULTURAL AND VETERINARY CHEMICALS CODE (THE 'AGVET CODE'), SCHEDULED TO THE *AGRICULTURAL AND VETERINARY CHEMICALS CODE ACT 1994*

The APVMA has evaluated the application and in its assessment in relation to human and environmental safety under section 14(3)(e) of the Agvet Code, it proposes to determine that:

- (i) The APVMA is satisfied that the proposed use of **BARRICADE TURF HERBICIDE** would not be an undue hazard to the safety of people exposed to it during its handling and use.

The Office of Chemical Safety and Environmental Health (OCSEH) in the Department of Health and Ageing has conducted a risk assessment on the product and concluded that it can be used safely.

The workers may be exposed to the product when opening containers, mixing/loading and application of the product, cleaning up spills and maintaining equipment, or re-entering treated areas. The main route of exposure to the product will be dermal contact, with limited inhalation exposure while preparing and using the product.

Based on the risk assessment conducted, First Aid Instructions, Warning Statements and General Safety Precautions, Safety Directions and Re-handling statement have been recommended and shown on the product label.

- (ii) The APVMA is satisfied that the proposed use of **BARRICADE TURF HERBICIDE** containing the active constituent prodiamine is not likely to be harmful to human beings if used according to the product label directions.

The Office of Chemical Safety and Environmental Health (OCSEH) in the Department of Health and Ageing has conducted a risk assessment on the product and concluded that it can be used safely.

Prodiamine is a low oral, dermal and inhalational toxicant. It is a low skin and eye irritant, and it is not a skin sensitiser.

Barricade Turf Herbicide has low acute oral, dermal and inhalational toxicity. It is minimally irritation to rabbit skin and eye, and it is a moderate to high-level skin sensitiser in guinea pigs.

Short-term dermal toxicity studies in rabbit revealed that prodiamine was a slight skin irritant, but not a dermal toxicant. Dietary sub-chronic studies in rat and dog revealed increased liver weight and decreased reproductive organ weights, as well as and minor changes in serum enzyme and protein levels.

A chronic study with prodiamine in dog did not reveal significant toxicological events, though liver, thymus and haematological toxicity was observed at higher doses. Two combined chronic/carcinogenicity studies in mouse and rat noted no significant changes in carcinogenicity rates, but liver toxicity at high doses was observed.

Prodiamine is unlikely to be genotoxic or neurotoxic. The chemical was neither a reproductive nor a developmental toxicant.

Based on an assessment of the toxicology and occupational health and safety, it was considered that there should be no adverse effects on human health from the use of Barricade Turf Herbicide when used in accordance with the label directions.

The APVMA has considered the findings of the OCSEH and accepts these conclusions.

- (iii) The APVMA is satisfied that the proposed use of **BARRICADE TURF HERBICIDE** is not likely to have an unintended effect that is harmful to animals, plants or things or the environment if used according to the product label directions.

The Department of Sustainability, Environment, Water, Population and Communities (DSEWPaC) has assessed data in support of the proposed use and has concluded that the risks to the environment from this use are acceptable.

Prodiamine is expected to dissipate from water and soil surfaces by photolysis. In soil, degradation should occur with prodiamine being immobile once adsorbed to the soil. In water sediment systems, degradation will occur in the water column along with movement to the sediment. Soil and sediment degradations are associated with the formation of unextractable material. Prodiamine is not expected to accumulate in soil. Bioconcentration could occur but depuration is expected once exposure ceases.

Prodiamine is practically non-toxic to birds and is not expected to be acutely toxic to fish or aquatic invertebrates at the limit of its water solubility. It is moderately chronically toxic to the early life stage of fish and highly chronically toxic to daphnid reproduction. Prodiamine is very highly toxic to algae but, to the limit of its water solubility, not toxic to duckweed. The chemical is very slightly toxic to honey bees and very slightly acutely toxic to earthworms. Exposure of larvae of predatory insects and pupae of a parasitoid wasp in non-standard tests resulted in no mortalities or adverse effects. Adverse effects on soil nitrogen transformation and carbon turnover are not expected from the use of prodiamine. Prodiamine, a herbicide, should have phytotoxic effects on non-target plants.

DSEWPaC has considered the potential risk to organisms in the terrestrial and aquatic environment from the proposed use of prodiamine in established turf situations, based on ground application by boom sprayers as proposed by the draft label. The risk assessment determined that under the proposed use pattern the chemical is unlikely to pose an



environmental risk to birds from residues on exposed surfaces, to aquatic and benthic organisms from spray drift or run-off provided an aquatic downwind no-spray zone of 120 metres is established and the label bears appropriate statements regarding the need to minimise runoff. Risk to bees is acceptable. The lack of standard non-target arthropod studies at the proposed rates, the expected persistence of proflumicarb in the soil and the absence of earthworm reproduction studies has resulted in a recommendation for a label statement for potential adverse effects on non-target beneficial turfgrass invertebrates. Risk non-target terrestrial plants at the edges of the treated areas is acceptable provided application is with a coarse quality spray with a downwind no spray zone of 10 metres. For the compulsory Barricade Turf Herbicide and Monument Liquid Turf Herbicide tank mix, the risk to non-target terrestrial plants is expected to be acceptable provided applications is with a coarse quality spray with a downwind no spray zone of 60 metres (as for the current Monument Liquid Turf Herbicide label).

The APVMA has considered the findings of the Department of Sustainability, Environment, Water, Population and Communities and accepts these conclusions.

- (iv) In relation to its assessment of efficacy under section 14(3)(f), the APVMA is satisfied that data from trials supporting the efficacy of the product adequately demonstrate that if used according to the product label directions, the product is effective for its proposed uses.

#### FUTHER INFORMATION

A Public Release Summary (PRS) of the evaluation of this product is available from the APVMA website's 'Consultation' section, [www.apvma.gov.au](http://www.apvma.gov.au) or by contacting the evaluator listed below.

#### MAKING A SUBMISSION

In accordance with sections 12 and 13 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether the application for registration of **BARRICADE TURF HERBICIDE** should be granted. Submissions should relate only to matters that the APVMA is required by legislation to take into account in deciding whether to grant the application. These grounds include **public health, occupational health and safety, chemistry and manufacture, environmental fate and toxicity** and **efficacy**. Submissions should state the grounds on which they are based. Comments received outside these grounds cannot be considered by the APVMA.

Submissions must be received by the APVMA within **28 days** of the date of this notice and be directed to the contact listed below. All submissions to the APVMA will be acknowledged in writing via email or by post.

Relevant comments will be taken into account by the APVMA in deciding whether the product should be registered and in determining appropriate conditions of registration and product labelling.

When making a submission please include:

- Contact name
- Company or Group name (if relevant)
- Postal Address
- Email Address (if available)
- The date you made the submission.

All personal and **confidential commercial information (CCI)**<sup>1</sup> material contained in submissions will be treated confidentially.

Written submissions on the APVMA's proposal to grant the application for registration that relate to the **grounds for registration** should be addressed in writing to:

Contact Officer  
Pesticides Program  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

**Phone:** (02) 6210 4718  
**Fax:** (02) 6210 4776  
**Email:** pesticides@apvma.gov.au

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<sup>1</sup> A full definition of 'confidential commercial information' is contained in the [Agvet Code](#).

## OTHER NOTICES

### Amendments to the MRL Standard

#### AMENDMENT NO. 7N

The Australian Pesticides and Veterinary Medicines Authority (APVMA) sets maximum residue limits (MRLs) of agricultural and veterinary chemicals in agricultural produce, particularly produce entering the food chain. These MRLs are set at levels which are not likely to be exceeded if the agricultural or veterinary chemicals are used in accordance with approved label instructions. At the same time the APVMA is satisfied, from dietary exposure assessment, that the levels are not an undue hazard to human health.

The MRL Standard lists MRLs of substances which may arise from the approved use of those substances or other substances, and provides the relevant residue definitions to which these MRLs apply.

The evaluation process takes into account studies on chemistry, metabolism, analytical methodology, residues, good agricultural practice, toxicology and dietary exposure. From time to time the evaluation process results in amendments to the MRL Standard. It should be noted that relevant MRLs are referred to Food Standards Australia New Zealand for incorporation into Standard 1.4.2 of the Food Standards Code entitled "Maximum Residue Limits".

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**Note:** "\*" denotes that the maximum residue limit (MRL) has been set at or about the limit of analytical quantitation (see: Residue Guideline No.4, *Maximum Residue Limit Proposals 'At or about the Limit of Analytical Quantitation'*, published in NRA Gazette No.9, p44, 5/9/95).

'T' denotes that the MRL, residue definition or use is temporary to enable further experimental work to be carried out in Australia or overseas, and will be reconsidered at some future date.

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The MRL Standard is also accessible via the APVMA website, [www.apvma.gov.au](http://www.apvma.gov.au)

#### TABLE 1: MAXIMUM RESIDUE LIMITS OF PESTICIDES, AGRICULTURAL CHEMICALS, FEED ADDITIVES, VETERINARY MEDICINES AND ASSOCIATED SUBSTANCES IN FOOD COMMODITIES

Residues of substances which may occur in food commodities and for which the following maximum residue limits (MRLs) apply.

COMPOUND	FOOD	MRL (mg/kg)
<b>Chlorothalonil</b>		
DELETE:		
SO 0697	Peanut	T0.2
ADD:		
SO 0697	Peanut	0.2

COMPOUND	FOOD	MRL (mg/kg)
<b>Cyhalothrin</b>		
ADD:		
GC 0080	Cereal grains [except barley, wheat and sorghum]	T*0.05
<b>Ethephon</b>		
DELETE:		
TN 0678	Walnuts	T0.5
ADD:		
TN 0678	Walnuts	2
<b>Tebuconazole</b>		
ADD:		
VD 0536	Mung bean (dry)	T0.2
<b>Thiamethoxam</b>		
ADD:		
GC 0080	Cereal grains [except maize and sorghum]	T*0.02
SO 0495	Rape seed [canola]	T*0.02
<b>Tylosin</b>		
ADD:		
	Fish muscle	T*0.002

**TABLE 4: MAXIMUM RESIDUE LIMITS FOR PESTICIDES IN ANIMAL FEED COMMODITIES**

Residues of substances which may occur in animal feed commodities and for which the following maximum residue limits (MRLs) apply.

COMPOUND	ANIMAL FEED COMMODITY	MRL (mg/kg)
<b>Chlorothalonil</b>		
ADD:		
AL 0697	Peanut fodder	200
AL 1270	Peanut forage (green)	200
<b>Thiamethoxam</b>		
ADD:		
AF 0080	Forage of cereal grains [except Maize forage; Sorghum forage (green)]	T0.1
	Rape seed forage (dry)	T0.5
	Rape seed straw and fodder	T*0.01
AS 0081	Straw and fodder (dry) of cereal grains [except Maize fodder; Sorghum straw and fodder, dry]	T*0.05

#### APVMA CONTACT

For further information please contact:

Michelle Hemming  
Residues Contact Officer  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

**Phone:** (02) 6210 4837  
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**Email:** michelle.hemming@apvma.gov.au

## Application Summaries

The APVMA publishes complete application summaries on the APVMA website, [www.apvma.gov.au](http://www.apvma.gov.au). They are published in weekly instalments using the date the application was accepted for assessment. If an application summary has been amended, the APVMA will publish the amended version on the website and list it separately in the APVMA Gazette Notice for Application Summaries.

As a requirement of Regulations 8C and E of the Agvet Code, some product names will appear as 'NOT AVAILABLE'.

A summary will be removed from the website 28 days after the application has been finalised. Therefore, some summaries published in this notice may have already been removed prior to the Gazette being published.

### APPLICATION SUMMARIES PUBLISHED SINCE THOSE PUBLISHED IN APVMA GAZETTE NO. 25, 21 DECEMBER 2010.

Application No.	Name
50332	DAIRY POWER SUPERSAN LOW FOAM ACID SANITISER
50688	PACIFIC TEBUTHIURON 200G HERBICIDE
50827	ENVIROMAX BIFENTHRIN 250EC INSECTICIDE & MITICIDE
50927	OSPRAY TRINEXAPAC 250 EC YIELD & QUALITY ENHANCER
51153	SANONDA HERBICIDE GLYPHOSATE 510SL
51412	MACSPRED GLYMAC DRI 700 HERBICIDE
51428	ANTIFOULING SEAGUARDIAN
51489	ACETO SPROUT NIP PELLET POTATO STOP SPROUT
51500	MAXIDECTIN PLUS SELENIUM ORAL DRENCH FOR SHEEP
51647	RANVETS HOOF FOOD - HOOF GROWTH PROMOTER FOR HORSES
51702	BAYCOX COCCIDIOCIDAL SOLUTION
51718	AW MEPIQUAT 38 COTTON GROWTH REGULATOR
51754	ALLIANCE HERBICIDE CLETHODIM 240EC
51757	NOT AVAILABLE
51762	STARANE ADVANCED HERBICIDE
51765	OFF! TROPICAL STRENGTH INSECT REPELLENT SPRAY LONG LASTING PROTECTION REPELS UP TO 8 HOURS
51877	KONDEMN HERBICIDE ADJUVANT
51905	AMGROW CHEMSPRAY WEED CONTROL BIN-DIE SELECTIVE LAWN WEEDER
52055	YATES TOMATO DUST
52079	HORTICO TOMATO DUST

Application No.	Name
52082	OZCROP DICAMBA 500 SL HERBICIDE
52177	NOT AVAILABLE
52181	NOT AVAILABLE
52182	NOT AVAILABLE
52186	RAID ONE SHOT CRAWLING INSECT SURFACE SPRAY TARGETKILL
44312	NOT AVAILABLE
49292	KENSO AGCARE BUCKO 242 HERBICIDE
49505	4FARMERS CLOPYRALID 750 SG
49811	EXODUS TRIPLE DRENCH FOR SHEEP AND LAMBS
50218	ESTROMIL INJECTION
50562	GASTROPELL DAILY ORAL PASTE FOR HORSES
50809	TEATSEAL
50988	EXPEDITE INSECTICIDE
50994	TRANSFORM INSECTICIDE
51035	ECOPAR FORTE HERBICIDE
51223	EQUINE RAZOR WORMER
51225	NOT AVAILABLE
51322	NOT AVAILABLE
51432	ANTIFOULING SEAVICTOR 50
51510	GLYPHOSATE
51547	FAMILY PROTECTION AEROGARD LOW ALLERGENIC ODOURLESS WITH NATURAL ALOE VERA GREAT FOR KIDS 12 MONTHS + OVER INSECT REPELLENT GEL
51555	FAMILY PROTECTION AEROGARD LOW IRRITANT* ODOURLESS WITH NATURAL ALOE VERA GREAT FOR KIDS 12 MONTHS + OVER INSECT REPELLENT GEL
51629	RAINBOW DIQU-PARA 250 HERBICIDE
51652	PENTOSAN EQUINE INJECTION
51664	NV PENTOSAN 100 INJECTION
51904	CHEMSPRAY CLEAR WHITE OIL INSECTICIDE
51920	MAXXTHOR 100 WATER-BASED TERMITICIDE AND INSECTICIDE
52034	FIPRONIL
52066	NOT AVAILABLE

Application No.	Name
52067	CANINE ANTI-TICK SERUM
52077	RATEX MOUSE AND RAT BAIT
52097	RAINBOW FLUOMETURON 900 WG HERBICIDE
52104	SMART GONE 450 HERBICIDE
52126	INTERVET NOBILIS FAV VACCINE
52131	OZCROP MCPA 750 SL SELECTIVE HERBICIDE
52136	SPUTOLYSIN MUCOLYTIC POWDER FOR HORSES
52154	REGULAR ROUNDUP READY TO USE WEEDKILLER
52168	NUFARM LEPIDEX 500 INSECTICIDE
52178	NOT AVAILABLE
52179	NOT AVAILABLE
52187	RAINBOW GLYPHOSATE 700 HERBICIDE
52188	RAINBOW METOLACHLOR 720 EC HERBICIDE
45894	TROY AMINOFORTE INJECTION
50324	CPPU 10 PLANT GROWTH REGULATOR
50687	PACIFIC GLYPHOSPHATE 360SL HERBICIDE
50747	NOT AVAILABLE
50751	NOT AVAILABLE
50901	HEARTWORM SOLUBLE 68 UG
50902	HEARTWORM SOLUBLE 408 UG
50903	HEARTWORM SOLUBLE 272 UG
50904	HEARTWORM SOLUBLE 136 UG
50921	EXELPET FLEA AND TICK LIQUIDATOR SPOT-ON FOR DOGS AND PUPPIES
51336	CHEMAG PARAQUAT 250 HERBICIDE
51491	NOT AVAILABLE
51578	OFF! TROPICAL STRENGTH INSECT REPELLENT SPRAY LONG LASTING PROTECTION REPELS UP TO 6 HOURS
51659	APPARENT GLYPHOSATE 360 IPA HERBICIDE
51686	DUPONT VELISTA FUNGICIDE
51861	FARMOZ FLAGSHIP 200 HERBICIDE



Application No.	Name
51874	DIFENOCONAZOLE
52075	KORDON TERMITE BARRIER
52133	VAXSAFE ND VACCINE (LIVING)
52173	GLYPHOSATE
52237	KILLS FAST! WOOLWORTHS SELECT EXTRA STRENGTH INSECT SPRAY
52252	OSPRAY DO-AWAY COTTON DEFOLIANT

A change or correction has been made to the following summaries:

Application No.	Product/Active Constituent Name
52048	RAINBOW GLYPHOSATE 450 HERBICIDE

#### APVMA CONTACT

For further information please contact:

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PO Box 6182  
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