

# Commonwealth of Australia

# Gazette

# Agricultural and veterinary chemicals

No. APVMA 20, 5 October 2021

Published by the Australian Pesticides and Veterinary Medicines Authority



# **Australian Government**

# **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. A reference to Agvet Codes in this publication is a reference to the Agvet Code in each state and territory jurisdiction.

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Assistant Director, Communications
Australian Pesticides and Veterinary Medicines Authority
GPO Box 3262
Sydney NSW 2001

Email: communications@apvma.gov.au

Website: apvma.gov.au

#### **General information**

The APVMA 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 8J(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

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#### **APVMA** contacts

For enquiries regarding the publishing and distribution of the APVMA Gazette: Telephone: +61 2 6770 2300.

For enquiries on APVMA Gazette content, please refer to the individual APVMA contacts listed under each notice.

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# Agricultural chemical products and approved labels

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 relevant particulars or conditions of the registration in respect of the following products and has approved the label or varied the relevant particulars or conditions of the approval in respect of the containers for the chemical product, with effect from the dates shown.

Table 1: Agricultural products based on existing active constituents

Application no:	130983
Product name:	Sino Great Tribenuron 750 Herbicide
Active constituent/s:	750 g/kg tribenuron-methyl
Applicant name:	Shanghai SinoGreatland Industrial Co., Ltd
Applicant ACN:	N/A
Summary of use:	For the control of certain broadleaf weeds in fallows and pre-crop situations
Date of registration:	14 September 2021
Product registration no.:	91119
Label approval no.:	91119/130983

Application no:	131423
Product name:	Pacific Chlorothalonil 720 SC Fungicide
Active constituent/s:	720 g/L chlorothalonil
Applicant name:	Pacific Agriscience Pty Ltd
Applicant ACN:	096 082 316
Summary of use:	For the control of fungal diseases on almonds, apricots, bananas, carrots, celery, cherries, grapes, onions, peaches, peanuts, pulses, plums, potatoes, tomatoes and vegetables
Date of registration:	15 September 2021
Product registration no.:	91219
Label approval no.:	91219/131423

Application no:	132081
Product name:	TRS Personal Insect Repellent Tropical Strength
Active constituent/s:	191 g/kg diethyltoluamide, 40 g/kg N-octyl bicycloheptene dicarboximide
Applicant name:	Pascoe's Pty Ltd
Applicant ACN:	055 220 463
Summary of use:	For protection against mosquitoes and to repel flies, sandflies, fleas, leeches, ticks and other annoying and biting insects
Date of registration:	15 September 2021
Product registration no.:	91388
Label approval no.:	91388/132081

Application no:	131158
Product name:	CropSure Abacus 36EC Insecticide
Active constituent/s:	36 g/L abamectin
Applicant name:	CropSure Pty Ltd
Applicant ACN:	643 829 190
Summary of use:	For the control of a range of mite and insect pests in beans, peas, berry crops, sweet corn, almond, avocado, cut flowers, duboisia, fruiting vegetables, nursery stock, oil tea tree, ornamentals and other fruits and vegetables
Date of registration:	15 September 2021
Product registration no.:	91188
Label approval no.:	91188/131158

Application no:	130606
Product name:	Mortein Mosquito Pro-Shield
Active constituent/s:	100 g/kg metofluthrin
Applicant name:	RB (Hygiene Home) Australia Pty Ltd
Applicant ACN:	629 549 506
Summary of use:	For the control of mosquitoes in domestic situations
Date of registration:	15 September 2021
Product registration no.:	90965
Label approval no.:	90965/130606

Application no:	131430
Product name:	IA Outperform 630 EC Insecticide/Miticide
Active constituent/s:	600 g/L chlorpyrifos, 30 g/L bifenthrin
Applicant name:	Imtrade Australia Pty Ltd
Applicant ACN:	090 151 134
Summary of use:	For the control of certain insect pests of broad-acre crops, cotton, sugarcane and tomatoes
Date of registration:	17 September 2021
Product registration no.:	91222
Label approval no.:	91222/131430

Application no:	132629
Product name:	Titan Dual Grain Treatment
Active constituent/s:	600 g/L fenitrothion, 60 g/L (S)-methoprene
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For the control of insect pests in stored cereal grains, including malting barley
Date of registration:	21 September 2021
Product registration no.:	91551
Label approval no.:	91551/132629

Application no:	132630
Product name:	Titan Onza Blue Rodenticide Grain Bait
Active constituent/s:	0.05 g/kg difenacoum
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For the control of brown or Norway rats ( <i>Rattus norvegicus</i> ) and mice, including those resistant to other anticoagulants
Date of registration:	21 September 2021
Product registration no.:	91552
Label approval no.:	91552/132630

Application no:	132645
Product name:	Titan Onza Blue Rodenticide Paste
Active constituent/s:	0.05 g/kg difenacoum
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For the control of brown or Norway rats ( <i>Rattus norvegicus</i> ) and mice, including those resistant to other anticoagulants
Date of registration:	22 September 2021
Product registration no.:	91555
Label approval no.:	91555/132645

Application no:	132635
Product name:	Titan Onza Red Rodenticide Paste
Active constituent/s:	0.05 g/kg brodifacoum
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For the control of brown or Norway rats ( <i>Rattus norvegicus</i> ) and mice, including those resistant to other anticoagulants
Date of registration:	22 September 2021
Product registration no.:	91553
Label approval no.:	91553/132635

Application no:	132644
Product name:	Titan Onza Red Rodenticide Blocks
Active constituent/s:	0.05 g/kg brodifacoum
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For use in damp or dry situations in and around industrial, commercial, agricultural and domestic buildings to control rats and mice
Date of registration:	22 September 2021
Product registration no.:	91554
Label approval no.:	91554/132644

Application no:	132647
Product name:	Titan Onza Blue Rodenticide Blocks
Active constituent/s:	0.05 g/kg difenacoum
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For the control of brown or Norway rats ( <i>Rattus norvegicus</i> ) and mice, including those resistant to other anticoagulants
Date of registration:	22 September 2021
Product registration no.:	91556
Label approval no.:	91556/132647

Application no:	132628
Product name:	Titan IGR Grain Treatment
Active constituent/s:	300 g/L (S)-methoprene
Applicant name:	Freezone Public Health Pty Ltd
Applicant ACN:	132 080 098
Summary of use:	For protection against immature stages of lesser grain borer, rust-red flour beetle and sawtoothed grain beetle, including organophosphate resistant strains as per the directions for use table
Date of registration:	22 September 2021
Product registration no.:	91550
Label approval no.:	91550/132628

Application no:	127920
Product name:	Kelpie Cleth-D 360 Herbicide
Active constituent/s:	360 g/L clethodim
Applicant name:	Sinochem International Australia Pty Ltd
Applicant ACN:	160 164 616
Summary of use:	For the control of certain grass weeds in beetroot, cabbage, canola, cotton, lettuce, non-bearing fruit trees, peanuts, pulses (including adzuki beans, broad beans, chickpeas, faba beans, field peas, lentils, lupins and mung beans), soybeans and pasture legume (lucerne, clover and medic), seed crops and pastures
Date of registration:	22 September 2021
Product registration no.:	90181
Label approval no.:	90181/127920

Application no:	129144
Product name:	Protect-Us Aquacell Ready-To-Use Insect Killer
Active constituent/s:	4.3 g/L hydroxypropyl methylcellulose
Applicant name:	Ensystex Australasia Pty Ltd
Applicant ACN:	102 221 965
Summary of use:	For the control of crawling and flying insects in household situations
Date of registration:	23 September 2021
Product registration no.:	90503
Label approval no.:	90503/129144

Application no:	131536
Product name:	F.S.A. Bifenthrin 100 EC Insecticide
Active constituent/s:	100 g/L bifenthrin
Applicant name:	Four Seasons Agribusiness Pty Ltd
Applicant ACN:	115 133 189
Summary of use:	For the control of <i>Helicoverpa spp.</i> , certain species of mites, wireworms, weevils and other insect pests in cotton, bananas, grapes, citrus, sugarcane, tomatoes, lucerne seed crops, wheat, barley and other various crops
Date of registration:	23 September 2021
Product registration no.:	91259
Label approval no.:	91259/131536

# **Table 2: Variations of registration**

Application no.	132661
Product name	Oxafert Herbicide and Fertiliser
Active constituent/s	10 g/kg oxadiazon
Applicant name	Farmalinx Pty Ltd
Applicant ACN	134 353 245
Summary of variation	To vary the distinguishing name that appears on the label from 'Oxafert PK Herbicide and Fertiliser' to 'ProForce Echelon G Herbicide and Fertiliser'
Date of variation	2 September 2021
Product registration no.	70376
Label approval no.	70376/132661

Application no.	132714
Product name	Naturalure Fruit Fly Bait Concentrate Qalcova Active Insecticide
Active constituent/s	0.24 g/L spinosad
Applicant name	Corteva Agriscience Australia Pty Ltd
Applicant ACN	003 771 659
Summary of variation	To vary the distinguishing product name and the name that appears on the label from Naturalure Fruit Fly Bait Concentrate to 'Naturalure Fruit Fly Bait Concentrate Qalcova Active Insecticide'
Date of variation	6 September 2021
Product registration no.	58234
Label approval no.	58234/132714

Application no.	132725
Product name	Nufarm Saracen Herbicide
Active constituent/s	50 g/L florasulam
Applicant name	Nufarm Australia Limited
Applicant ACN	004 377 780
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Saracen Herbicide' to 'Nufarm Saracen Herbicide'
Date of variation	7 September 2021
Product registration no.	89267
Label approval no.	89267/132725

Application no.	132786
Product name	Nufarm Sentry Herbicide
Active constituent/s	525 g/kg imazapic, 175 g/kg imazapyr
Applicant name	Nufarm Australia Limited
Applicant ACN	004 377 780
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Sentry Herbicide' to 'Nufarm Sentry Herbicide'
Date of variation	9 September 2021
Product registration no.	67951
Label approval no.	67951/132786

Application no.	132799
Product name	Atlas Kill & Protect High Performance Crawling Flying All In One Indoor & Outdoor Multi Insect Spray
Active constituent/s	1.26 g/kg esbiothrin, 0.5 g/kg permethrin
Applicant name	Pascoe's Pty Ltd
Applicant ACN	055 220 463
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Atlas Kill & Protect High Performance Multi All In One Insect Spray' to 'Atlas Kill & Protect High Performance Crawling Flying All In One Indoor & Outdoor Multi Insect Spray'
Date of variation	10 September 2021
Product registration no.	91251
Label approval no.	91251/132799

Application no.	132828
Product name	Conquest Indoxacarb 150 EC Insecticide
Active constituent/s	150 g/L S-indoxacarb
Applicant name	Conquest Crop Protection Pty Ltd
Applicant ACN	098 814 932
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Conquest Stalwart 150 EC Insecticide' to 'Conquest Indoxacarb 150 EC Insecticide'
Date of variation	13 September 2021
Product registration no.	87447
Label approval no.	87447/132828

Application no.:	126172
Product name:	Zampro Fungicide
Active constituent/s:	300 g/L ametoctradin, 225 g/L dimethomorph
Applicant name:	BASF Australia Ltd.
Applicant ACN:	008 437 867
Summary of variation:	To add control of downy mildew in bulb vegetables, leafy vegetables, including brassica leafy vegetables, cucurbits, beetroots and poppies
Date of variation:	14 September 2021
Product registration no.:	63651
Label approval no.:	63651/126172

Application no.	132867
Product name	Kordon Termite System
Active constituent/s	4 g/kg deltamethrin
Applicant name	Bayer Cropscience Pty Ltd
Applicant ACN	000 226 022
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Kordon Termite Barrier' to 'Kordon Termite System'
Date of variation	15 September 2021
Product registration no.	60759
Label approval no.	60759/132867

Application no.:	129989
Product name:	TH5 Broad Spectrum Disinfectant Against Bacteria, Fungi And Viruses
Active constituent/s:	327.5 g/L benzalkonium chloride, 100 g/L glutaraldehyde
Applicant name:	Mediralis Pty Ltd
Applicant ACN:	605 830 626
Summary of variation:	To include use as a virucidal agent
Date of variation:	20 September 2021
Product registration no.:	88612
Label approval no.:	88612/129989

Application no.:	127349
Product name:	Seguris Flexi Fungicide
Active constituent/s:	125 g/L isopyrazam
Applicant name:	Syngenta Australia Pty Ltd
Applicant ACN:	002 933 717
Summary of variation:	To add the control of diseases in almonds
Date of variation:	23 September 2021
Product registration no.:	80618
Label approval no.:	80618/127349

Application no.:	131472
Product name:	Smart Glyphosate 450 Herbicide
Active constituent/s:	450 g/L glyphosate (present as the isopropylamine salt)
Applicant name:	Crop Smart Pty Ltd
Applicant ACN:	093 927 961
Summary of variation:	To amend the constituent statement, storage and disposal, first aid instructions and safety directions
Date of variation:	23 September 2021
Product registration no.:	60952
Label approval no.:	60952/131472

Application no.:	131487
Product name:	Tordon 75-D Herbicide
Active constituents:	300 g/L 2,4-d present as the triisopropanolamine salt, 75 g/l picloram present as the triisopropanolamine salt
Applicant name:	Corteva Agriscience Australia Pty Ltd
Applicant ACN:	003 771 659
Summary of variation:	To amend the product label in line with the 2,4-D reconsideration final regulatory decision and add the use of agricultural non-crop areas, commercial and industrial areas, pastures, rights of way under the permit to label project
Date of variation:	23 September 2021
Product registration no.:	40487
Label approval no.:	40487/131487

# **Veterinary chemical products and approved labels**

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 relevant particulars or conditions of the registration in respect of the following products and has approved the label or varied the relevant particulars or conditions of the approval in respect of the containers for the chemical product, with effect from the dates shown.

Table 3: Veterinary products based on existing active constituents

Application no:	131005
Product name:	Moximax Long Acting Injection for Cattle
Active constituent/s:	100 mg/mL moxidectin
Applicant name:	Nutrien Ag Solutions Limited
Applicant ACN:	008 743 217
Summary of use:	For the treatment and control of moxidectin sensitive internal and external parasites in cattle
Date of registration:	15 September 2021
Product registration no.:	91130
Label approval no.:	91130/131005

Application no.:	130614
Product name:	Ferrari Cyclosporin Oral Solution for Cats
Active constituent/s:	100 mg/mL cyclosporin
Applicant name:	Ferrari Animal Health Pty Ltd
Applicant ACN:	162 206 671
Summary of use:	For the treatment of allergic dermatitis in cats
Date of registration:	20 September 2021
Product registration no.:	90969
Label approval no.:	90969/130614

Application no:	130917
Product name:	Jurox GnRH Injection
Active constituent/s:	47.6 μg/mL gonadorelin equivalent to 50 μg/mL gonadorelin acetate
Applicant name:	Jurox Pty Ltd
Applicant ACN:	000 932 230
Summary of use:	For use in oestrus synchronisation programs in combination with PGF2a; for the treatment of cystic ovaries, prevention of delayed ovulation and improvement of postpartum fertility in cattle
Date of registration:	21 September 2021
Product registration no.:	91092
Label approval no.:	91092/130917

Application no:	126258
Product name:	Increxxa Injectable Solution
Active constituent/s:	100 mg/mL tulathromycin
Applicant name:	Elanco Australasia Pty Ltd
Applicant ACN:	076 745 198
Summary of use:	For the treatment of tulathromycin sensitive bacterial respiratory infections in pigs and in cattle, including dairy heifers up to the point of first mating
Date of registration:	23 September 2021
Product registration no.:	89866
Label approval no.:	89866/126258

Application no:	126327
Product name:	DeLaval Prima
Active constituent/s:	102.9 g/L glycerine, 5.1 g/L hydrogen peroxide
Applicant name:	Delaval Pty Ltd
Applicant ACN:	004 210 459
Summary of use:	For use as an aid in reducing the spread of mastitis-causing organisms in dairy cattle
Date of registration:	27 September 2021
Product registration no.:	89910
Label approval no.:	89910/126327

Application no:	131602
Product name:	Mectoguard Fly & Lice Jetting Fluid
Active constituent/s:	16 g/L ivermectin
Applicant name:	Four Seasons Agribusiness Pty Ltd
Applicant ACN:	115 133 189
Summary of use:	For the treatment of, and protection against, blowfly strike on sheep for up to 12 weeks under low to moderate fly pressure and treatment of biting lice by jetting in long woolled sheep
Date of registration:	27 September 2021
Product registration no.:	91287
Label approval no.:	91287/131602

# **Table 4: Variations of registration**

Application no.	132723
Product name	YP Amoxycillin soluble powder
Active constituent/s	870 mg/g amoxycillin as amoxycillin trihydrate
Applicant name	South Yarra Pharma Pty Ltd
Applicant ACN	629 173 351
Summary of variation	To vary the distinguishing product name and the name that appears on the label from 'Solu-cillin Soluble' to 'YP Amoxycillin soluble powder'
Date of variation	7 September 2021
Product registration no.	88291
Label approval no.	88291/132723

Application no.:	127002
Product name:	Tri-Solfen P
Active constituent/s:	40.6 g/L lignocaine as hydrochloride, 24.8 mg/L adrenaline as acid tartrate, 5.0 g/L cetrimide, 4.2 g/L bupivacaine as hydrochloride
Applicant name:	Dechra Veterinary Products (Australia) Pty. Ltd.
Applicant ACN:	614 716 700
Summary of variation:	To extend the claims to pigs and horses, add the pack sizes of 250 mL and 500 mL, add the WHP of 90 days for pigs and add a restraint statement for horses
Date of variation:	15 September 2021
Product registration no.:	88635
Label approval no.:	88635/127002

Application no.:	131429
Product name:	Ultravac BEF Vaccine
Active constituent/s:	Bovine Ephemeral Fever Standard Strain (BB2271-919) at ≥ 10 <sup>4.3</sup> TCID <sub>50</sub> /2 mL dose
Applicant name:	Zoetis Australia Pty Ltd
Applicant ACN:	156 476 425
Summary of variation:	To update the signal heading and to add an additional pack size
Date of variation:	15 September 2021
Product registration no.:	41461
Label approval no.:	41461/131429

Application no.:	130697
Product name:	Rhinogard Bovine Herpesvirus 1 Live Intranasal Vaccine For Cattle
Active constituent/s:	Contains ≥ 10 <sup>4</sup> CCID <sub>50</sub> /dose (2 mL) BHV1
Applicant name:	Zoetis Australia Pty Ltd
Applicant ACN:	156 476 425
Summary of variation:	To vary the relevant particulars and label approval to change the product name and amend the trade advice
Date of variation:	23 September 2021
Product registration no.:	49679
Label approval no.:	49679/130697

# Table 5: Variation of label approval

Application no.:	130868
Product name:	Medetate Injection
Active constituent/s:	1 mg/mL medetomidine hydrochloride
Applicant name:	Jurox Pty Ltd
Applicant ACN:	000 932 230
Summary of variation:	To add additional pharmacology statements
Date of variation:	16 September 2021
Product registration no.:	65829
Label approval no.:	65829/130868

Application no.:	128307
Product name:	Ilium Syntocin Injection of Synthetic Oxytocin
Active constituent/s:	10 IU/ mL oxytocin
Applicant name:	Troy Laboratories Pty Ltd
Applicant ACN:	000 283 769
Summary of variation:	To vary the in-use-shelf-life on the approved label
Date of variation:	16 September 2021
Product registration no.:	50435
Label approval no.:	50435/128307

Application no.:	131558
Product name:	Vanguard B-Oral Live Vaccine For Dogs
Active constituent/s:	Live attenuated Bordetella bronchiseptica ≥ 1.4 x 108 CFU/dose
Applicant name:	Zoetis Australia Pty Ltd
Applicant ACN:	156 476 425
Summary of variation:	To vary the label to update the dosage and administration instructions
Date of variation:	23 September 2021
Product registration no.:	88237
Label approval no.:	88237/131558

# **Approved active constituents**

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 approved or varied the relevant particulars or conditions of the approval of the following active constituents, with effect from the dates shown.

#### **Table 6: Active constituent**

Application no.:	127481
Active constituent/s:	tulathromycin
Applicant name:	Elanco Australasia Pty Ltd
Applicant ACN:	076 745 198
Summary of use:	For use in veterinary chemical products
Date of approval:	23 September 2021
Approval no.:	90106

## **Table 7: Variations of active constituent**

Application no.:	127945
Active constituent/s:	Bacillus amyloliquefaciens MBI 600
Applicant name:	BASF Australia Ltd.
Applicant ACN:	008 437 867
Summary of variation:	Variation of relevant particulars or conditions of an approved active constituent
Date of variation:	17 September 2021
Approval no.:	83292

Application no.:	131497
Active constituent/s:	trilostane
Applicant name:	Dechra Ltd
Applicant ACN:	N/A
Summary of variation:	Variation of relevant particulars or conditions of an approved active constituent
Date of variation:	23 September 2021
Approval no.:	86002

# New active constituent: cyflumetofen

The APVMA has before it an application for the approval of a new active constituent, cyflumetofen.

Table 8: Particulars of the active constituent - cyflumetofen

Common name	Cyflumetofen
IUPAC name	2-methoxyethyl (2RS)-2-(4-tert-butylphenyl)-2-cyano-3-oxo-3-[2-(trifluoromethyl)phenyl]propanoate
CAS name	2-methoxyethyl $\alpha$ -cyano- $\alpha$ -[4-(1,1-dimethylethyl)phenyl]- $\beta$ -oxo-2-(trifluoromethyl)benzenepropanoate
CAS registry number	400882-07-7
Manufacturer's codes	OK-5101
Minimum purity	975 g/kg
Molecular formula	$C_{24}H_{24}F_3NO_4$
Molecular weight	447.45 g/mol
Structure	CF <sub>3</sub> O O S-cyflumctofen  R-cyflumctofen
Chemical family	Beta-ketonitrile derivatives
Mode of action	The mode of action of cyflumetofen involves the inhibition of mitochondrial electron transport, which facilitates the rapid knockdown of spider mites and phytophagous mites.

## Summary of the APVMA's evaluation of cyflumetofen active constituent

The APVMA has evaluated the chemistry aspects of cyflumetofen active constituent (physico-chemical properties, stability, manufacturing process, quality control procedures, batch analysis results and analytical methods) and found them to be acceptable.

The APVMA has completed a toxicological evaluation of cyflumetofen. The acceptable daily intake (ADI) for cyflumetofen proposed by APVMA is 0.2 mg/kg bw/d, based on a NOAEL of 16.5 mg/kg bw/d from both the 90-day and the 2-year rat studies. The NOAEL was established based on observed increases in vacuolation of adrenal cortical cells. An uncertainty factor of 100 is applied to account for inter-species extrapolation and intra-species variability in response.

An acute reference dose (ARfD) is not considered necessary for cyflumetofen.

The Scheduling Delegate of the Department of Health has made a final decision to include cyflumetofen in Schedule 5 of the Poisons Standard, with an implementation date of 1 October 2021.

The APVMA considers that there are no objections on toxicological grounds to the approval of the active constituent cyflumetofen.

Based on the data provided, and the toxicological assessment, it is proposed that the following APVMA Active Constituent Standard be established for cyflumetofen technical active constituent:

Constituent	Specification
Cyflumetofen	975 g/kg minimum

Other compounds of toxicological significance are not expected to occur in cyflumetofen technical active constituent.

The APVMA is satisfied that the proposed importation and use of cyflumetofen would not be an undue toxicological hazard to the safety of people exposed to it during its handling and use.

#### Making a submission

In accordance with section 12 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether cyflumetofen should be approved. Submissions should relate only to matters that are considered in determining whether the safety criteria set out in section 5A of the Agvet Code have been met. Submissions should state the grounds on which they are based.

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.

**Please note:** Submissions will be published on the APVMA's website, unless you have asked for the submission to remain confidential (see public submission coversheet).

Please lodge your submission with a <u>public submission coversheet</u>, which provides options for how your submission will be published.

Note that all APVMA documents are subject to the access provisions of the *Freedom of Information Act 1982* and may be required to be released under that Act should a request for access be made.

Please send your written submission and coversheet by email or post to:

Post:

Director, Chemistry and Manufacture Australian Pesticides and Veterinary Medicines Authority GPO Box 3262 Sydney NSW 2001

Email: enquiries@apvma.gov.au

#### **Privacy**

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## New active constituent: isocycloseram

The APVMA has before it an application for the approval of a new active constituent, isocycloseram.

Table 9: Particulars of the active constituent - isocycloseram

Common name	Isocycloseram
IUPAC name	A mixture comprised of 80-100% 4-[(5S)-5-(3,5-dichloro-4-fluorophenyl)-5-(trifluoromethyl)-4,5-dihydro-1,2-oxazol-3-yl]- $N$ -((4 $R$ )-2-ethyl-3-oxo-1,2-oxazolidin-4-yl)-2-methylbenzamide and 20-0% of the (5 $R$ ,4 $R$ ), (5 $R$ ,4 $S$ ) and (5 $S$ ,4 $S$ ) isomers
CAS name	Benzamide, 4-[5-(3,5-dichloro-4-fluorophenyl)-4,5-dihydro-5-(trifluoromethyl)-3-isoxazolyl]- <i>N</i> -(2-ethyl-3-oxo-4-isoxazolidinyl)-2-methyl-
CAS registry number	2061933-85-3
Manufacturer's codes	SYN547407
Minimum purity	960 g/kg
Molecular formula	$C_{23}H_{19}CI_2F_4N_3O_4$
Molecular weight	548.3 g/mol
Structure	O-N NH CI FF
Chemical family	Isoxazoline
Mode of action	Insecticide with a novel GABA-gate chloride antagonist mode of action

## Summary of the APVMA's evaluation of isocycloseram active constituent

The APVMA has evaluated the chemistry aspects of isocycloseram active constituent (physico-chemical properties, stability, manufacturing process, quality control procedures, batch analysis results and analytical methods) and found them to be acceptable.

The APVMA has completed a toxicological evaluation of isocycloseram. The acceptable daily intake (ADI) for isocycloseram proposed by APVMA is 0.02 mg/kg bw/d, based on a NOAEL of 1.7 mg/kg bw/d from in male and 1.8 mg/kg bw/d in females in an 80-week dietary study in mice. The NOAEL was based on lymphatic and non-lymphatic plasmacytosis in males and females at the next higher dose. An uncertainty factor of 100 is applied to account for interspecies extrapolation and intra-species variability in response.

An acute reference dose (ARfD) has been established for isocycloseram at 0.08 mg/kg bw/d for women of child-bearing age based on a NOAEL of 7.5 mg/kg bw/d identified on the basis of an increased incidence of bifid sternum in rats which might be attributable to a single exposure to isocycloseram at 15 mg/kg bw/d in a rat developmental toxicity study. In the absence of any chemical specific data to adjust the uncertainty factor for extrapolation from laboratory animals to humans or take account of differences in human responses a default 100-fold uncertainty factor is applied to the NOAEL.

The Scheduling Delegate of the Department of Health has made a final decision to include isocycloseram in Schedule 6 of the Poisons Standard, with no concentration cut-off. The implementation date is 1 October 2021.

The APVMA considers that there are no objections on toxicological grounds to the approval of the active constituent isocycloseram.

Based on the data provided, and the toxicological assessment, it is proposed that the following APVMA Active Constituent Standard be established for isocycloseram technical active constituent:

Constituent	Specification	Level
Isocycloseram	Isocycloseram [sum of 4 stereoisomers, (5S, 4R), (5S, 4S), (5R, 4R) and (5R, 4S)]	960 g/kg minimum
	(5S, 4R) isomer	875 g/kg minimum
	(5S, 4S) isomer	30 g/kg maximum
	(5R, 4R) isomer	55 g/kg maximum
	(5R, 4S) isomer	1 g/kg maximum

Other compounds of toxicological significance are not expected to occur in isocycloseram technical active constituent.

The APVMA is satisfied that the proposed importation and use of isocycloseram would not be an undue toxicological hazard to the safety of people exposed to it during its handling and use.

#### Making a submission

In accordance with section 12 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether isocycloseram should be approved. Submissions should relate only to matters that are considered in determining whether the safety criteria set out in section 5A of the Agvet Code have been met. Submissions should state the grounds on which they are based.

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.

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# Prescribed date for payment of levy

Pursuant to section 6(1)(c) of the *Agricultural and Veterinary Chemical Products (Collection of Levy) Act 1994* notice is hereby given that for the 2020–21 financial year the prescribed date for payment of any levy that is payable is 15 January 2022.

Pursuant to section 6(1)(d) of the *Agricultural and Veterinary Chemical Products (Collection of Levy) Act 1994* notice is hereby given, that the levy amount payable is the levy amount generated from the 2020–21 sales declaration.

Further, it is directed under section 6(1)(d) that interested persons have the option to make payment of the entire levy payable in full by 15 January 2022, or nominate to pay the levy amount in two instalments of 50% of the total levy, with the first instalment amount payable by 15 January 2022 and the second instalment amount payable by 15 June 2022. If payment of the levy is made by instalments by the specified dates then the levy will be taken to have been paid by the prescribed date for payment for the 2020–21 financial year.

#### **APVMA** contact

For any enquiries or further information about this matter, please contact:

Finance Australian Pesticides and Veterinary Medicines Authority GPO Box 3262 Sydney NSW 2001

Phone: +61 2 6770 2300 Email: finance@apvma.gov.au