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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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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

The APVMA Gazette is published in electronic format only and is available from the APVMA website.

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APVMA contacts

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Privacy

For information on how the APVMA manages personal information when you contact us, see our Privacy Policy.

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Notice under section 32(2) of the Agvet Code: Reconsideration of chlorpyrifos-methyl approvals and registrations

1) The Australian Pesticides and Veterinary Medicines Authority (APVMA), hereby gives notice that the APVMA proposes to reconsider of all chlorpyrifos-methyl active constituent approvals, chemical product registrations and associated label approvals under Division 4 of Part 2 of the Agricultural and Veterinary Chemical Code Scheduled to the *Agricultural and Veterinary Chemical Code Act 1994* (Agvet Code).

Matters the APVMA is proposing to reconsider in relation to chlorpyrifos-methyl approvals and registrations

2) The matters the APVMA proposes to reconsider are whether the APVMA is satisfied that:

    a. the approved chlorpyrifos-methyl active constituents (the active constituents) continue to meet the safety criteria as set out in section 5A of the Agvet Code; and

    b. the registered chlorpyrifos-methyl chemical products (the chemical products) continue to meet the safety criteria as set out in section 5A of the Agvet Code; and

    c. the chemical products continue to meet the trade criteria as set out in section 5C of the Agvet Code; and

    d. the approved labels for containers for the chemical products (the labels) continue to meet the labelling criteria as set out in section 5D of the Agvet Code; and

    e. the active constituents, the chemical products and the labels comply with any requirement prescribed by the Agricultural and Veterinary Chemicals Code Regulations 1995.

3) In considering these matters the APVMA proposes to complete assessments in relation to environmental and human safety of the active constituents and chemical products, including component chemistry and toxicology assessments for the active constituents and chemistry, toxicology, environment, worker health and safety, residues, and trade assessments for the chemical products.

4) The APVMA further proposes to consider whether the labels for containers for the chemical products contain adequate instructions in relation to the matters required to meet the labelling criteria as set out in section 5D of the Agvet Code.

Reasons for the proposed reconsideration

5) The reasons for the APVMA reconsidering whether the active constituents, the chemical products and the labels continue to meet the statutory criteria are described below.

    a. New information considered by the APVMA indicates that the active constituents may contain sulfotemp-ester, an impurity of toxicological concern that has not previously been assessed, which may pose a hazard to people exposed to it, may have an effect that is harmful to human beings or may have an unintended effect that is harmful to animals, plants or things or the environment.

    b. The APVMA lowered the Acceptable Daily Intake (ADI) and Acute Reference Dose (ARfD) health based guidance values for chlorpyrifos-methyl on 13 July 2023. The new ADI was set at 0.001 mg/kg bw/day based on a No Observed Effect Level (NOEL) of 0.4 mg/kg bw/day in a 78-week oral toxicology study and inhibition of cholinesterase activity at the next highest dose. The ADI incorporates a 300-fold uncertainty factor. The ARfD was set at 0.03 mg/kg based on a NOEL of 1 mg chlorpyrifos/kg bw for inhibition of erythrocyte (acetyl) cholinesterase in human males and incorporates a total uncertainty factor of 30. The ARfD for chlorpyrifos-methyl was based on read-across from chlorpyrifos due to a lack of chlorpyrifos-methyl specific data. The APVMA will consider whether current instructions for use of the chemical products may result in exposure of people to levels of

chlorpyrifos-methyl at levels that exceed the new ADI and ARfD and whether the current uses pose an undue hazard to the safety of people using the chemical products or using anything containing its residues or may have unintended effect that is harmful to animals, plants or things or the environment.

c. The APVMA has appraised the information related to the environmental risk of chlorpyrifos-methyl in its holdings and found that the information is insufficient to complete an environment risk assessment to determine whether the use of the chemical products according to the instructions, currently approved by the APVMA, may may have an unintended effect that is harmful to animals, plants or things or the environment.

d. Although current information indicates that there has been a limited risk to trade from use of the chemical products in the past, changes to the approved instructions and changes to international market requirements may result in a changed risk to trade.

e. The adequacy of the instructions contained on the labels for the chemical products will be reassessed with respect to the outcomes of the assessments described above, having regard to the matters provided in section 5D of the Agvet Code.

6) The active constituents, chemical products, and the labels that are included in the reconsideration are listed in Attachment A.

Reconsideration Work Plan

7) A work plan for the reconsideration has been prepared in accordance with subsection 31(2) of the Agvet Code and regulation 20 of the *Agricultural and Veterinary Chemicals Code Regulations 1995* and can be found in Attachment A.

Written submissions are invited

8) The APVMA invites submissions about the matters being reconsidered by the APVMA and the reasons for the reconsideration.

9) When preparing your submission, the APVMA prefers you to:

a. clearly identify the issue, preferably with reference to numbered paragraphs in this notice, and state your point of view

b. give reasons for your comments, supporting them with relevant information and indicating the source of the information you have used.

10) Submissions by email to chemicalreview@apvma.gov.au are preferred; all electronic submissions to the APVMA will be acknowledged via return email.

11) Please ensure your submission includes a public submission coversheet, which provides options for how your submission will be published. The completed coversheet helps to ensure submission data is managed appropriately.

Please note: Submissions will be published on the APVMA's website, unless you have asked for the submission to remain confidential or if the APVMA chooses at its discretion not to publish any submissions received (refer to the public consultation coversheet). Note also that all submissions received are subject to legislative requirements, including the *Freedom of Information Act 1982*, the *Privacy Act 1988* and the Agvet Code. The APVMA confirms that if your submission includes confidential commercial information or protected information, such information shall be subject to the relevant provisions of the Agvet Code including relevant limitations on use and disclosure by the APVMA.

12) The closing date for submissions is 8 September 2026.

13) Submissions can be sent to:

Chemical Review
Australian Pesticides and Veterinary Medicines Authority
PO Box 574
Canberra, ACT, 2601

Telephone: +61 2 6770 2400
Email: chemicalreview@apvma.gov.au

14) If you require further information, please contact the Chemical Review Team.

Attachment A: Active constituent approvals and chemical product registrations containing chlorpyrifos-methyl

Table 1: List of approved chlorpyrifos-methyl active constituents

Approval number	Name	Holder
52794	Chlorpyrifos-methyl	Imtrade Australia Pty Ltd
55828		Agrogill Chemicals Pty Ltd
95462		Imtrade Australia Pty Ltd

Table 2: List of Registered chemical products containing chlorpyrifos-methyl and associated label numbers

Registration number	Name	Holder	Label approval number(s) associated with the product
53813	Imtrade Diplomat Insecticide 500 EC Grain Protectant	Imtrade Australia Pty Ltd	53813/0701, 53813/111980
53814	Diplomat Insecticide	Imtrade Australia Pty Ltd	53814/0701, 53814/0801
60650	Biochlor 500 Grain Protectant	Grow Choice Pty Limited	60650/0610, 60650/127826
66611	Accensi Chlorpyrifos-methyl 500 / S-Methoprene 30 IGR Grain Protector	Australian Agribusiness (Holdings) Pty Ltd	66611/53993, 66611/59824
90623	Imtrade D-Ploy Plus Grain Protectant	Imtrade Australia Pty Ltd	90623/129617, 90623/135257
91410	Genfarm Chlorpyrifos-methyl Plus Grain Protectant	Nutrien Ag Solutions Limited	91410/132143

Attachment B: Chlorpyrifos-methyl Reconsideration Work Plan

Nomination and Prioritisation	Chlorpyrifos-methyl was nominated for spray drift specific reconsideration in 2010 and was added to the list of chemicals prioritised for reconsideration in 2023. Chlorpyrifos-methyl was prioritised for reconsideration following identification of information indicating that the health-based guidance values, used for assessment of risk to human safety, required revision, and that a consequent revision of the human dietary exposure assessment was needed. It was also identified that contemporary assessments of the risk to the environment and to international trade are required. No relevant notice was published under section 30 of the Agvet Code.

Scoping and workplan	The APVMA is proposing to reconsider whether chlorpyrifos-methyl active constituents continue to meet the safety criteria set out in section 5A of the Agvet Code and whether the chemical products continue to meet the safety and trade criteria set out in sections 5A and 5C of the Agvet Code. The APVMA will reconsider all active constituent approvals and chemical product registrations for chlorpyrifos-methyl including, but not limited to assessment of the following:
	
	• Human health
	  ○ Toxicology
	  ○ Worker health and safety
	  ○ Dietary exposure to residues of chlorpyrifos-methyl and its metabolites
	• Environmental safety
	• Residues and Trade
	  ○ Chlorpyrifos-methyl residue definition
	  ○ Contemporary assessment of MRLs
	  ○ International trade
	• Chemistry
	  ○ Potential for impurities of toxicological concern
	
	The APVMA will also consider whether currently approved labels for chlorpyrifos-methyl chemical products contain adequate instructions and warning statements and continue to meet the labelling criteria set out in section 5D of the Agvet Code.

Proposed timeframe for the reconsideration	The proposed timeframe for the reconsideration has been calculated pursuant to regulation 78B of the Agricultural and Veterinary Chemicals Code Regulations 1995 A + B + 2E + 3C + J + D + X = timeframe for completion A means: (a) if an assessment relating to toxicology is required for the purposes of the reconsideration—the longest of the periods, in months, mentioned in column 2 of Schedule 7 for whichever of items 3.1 to 3.5, 4.1 and 7.1 to 7.4 of Schedule 7 that the APVMA determines are necessary for the reconsideration; or (b) in any other case—the longest of the periods, in months, mentioned in column 2 of

	Schedule 7 for whichever of items 4.1 and 7.1 to 7.4 of Schedule 7 that the APVMA determines are necessary for the reconsideration. B means: (a) if an assessment relating to work health and safety is required for the purposes of the reconsideration—the longest of the periods, in months, mentioned in column 2 of Schedule 7 for whichever of items 2.1 to 2.5, 3.1, 3.3 to 3.5, 5.1 to 5.5, 9 and 10.1 to 10.3 of Schedule 7 that the APVMA determines are necessary for the reconsideration; or (b) in any other case—the longest of the periods, in months, mentioned in column 2 of Schedule 7 for whichever of items 2.1 to 2.5, 5.1 to 5.5, 9 and 10.1 to 10.3 of Schedule 7 that the APVMA determines are necessary for the reconsideration. C means the longest of the periods, in months, mentioned in column 2 of Schedule 7 for whichever of items 11.1, 11.2 or 11.3 of Schedule 7 that the APVMA determines are necessary for the reconsideration. D means 4 months. E means the longest of the periods, in months, mentioned in column 2 of Schedule 7 for whichever of items 8.1, 8.2 or 8.3 of Schedule 7 that the APVMA determines are necessary for the reconsideration. J means: (a) if the APVMA must consult each coordinator designated for a jurisdiction about the reconsideration in accordance with subsection 34A(3) of the Code—3 months; and (b) in any other case—nil. X means: (a) if the APVMA appoints an arbitrator under section 64 of the Code—3 months; and (b) in any other case—nil. In order for the APVMA to complete a reconsideration of chlorpyrifos-methyl active constituent approval, chemical product registration and label approvals, a contemporary assessment of all data related to the safety criteria, for the active constituent, and to the safety and trade criteria for the product is required. This means that the modules required are the same that would be required for approval of a new active constituent and registration of a new chemical product which is intended to be used in food crops producing major export commodities. Level 1 modules are required for all assessment areas to be included in the reconsideration, except for residues, where the number of crops or crop groups indicates that a level 2 assessment is appropriate. As the APVMA is not proposing to reconsider whether chlorpyrifos-methyl chemical products meet the efficacy criteria, no module applies for this area. **Required modules and periods in months:** **A – 13 months** 3.1 – Health 1 (toxicology) – 13 months 7.1 – Environment 1 – 13 months **B – 13 months** 2.1 – Chemistry 1 – 13 months 3.1 – Health 1 (worker health and safety) – 13 months 5.2 – Residues 2 – 8 months **C – 3 months** 11.1 – Finalisation 1 – 3 months **D – 4 months** **E – not applicable**

	J – 3 months **X – not applicable (pending need to appoint an arbitrator under section 64)** **Calculated timeframe** A + B + 2E + 3C + J + D + X = timeframe for completion 13 + 13 + 0 + 9 + 3 + 4 + 0 = 42 months
Notice of Reconsideration	The expected date on which a notice will be given under section 32(1) of the Agvet Code is 9 June 2026. The APVMA proposes to inform holders of the reconsideration through this notice. The APVMA also proposes to inform persons generally through a notice published in the APVMA Gazette under section 32(2) of the Agvet Code on 9 June 2026. The published Gazette is publicly available and invites submissions on the matters that are the subject of the reconsideration from any person. Submissions will be invited within 3 months, closing on 8 September 2026. The APVMA will commence the reconsideration on 9 September 2026.
Assessment	Section 33(1) notices will be issued if required. The timing and type of information cannot be fully determined at this time, however may include requests for any data not in APVMA holdings regarding the toxicology of chlorpyrifos-methyl, worker exposure scenarios, its effect on the environment, toxicology or residues in food.
Proposed Regulatory Decision	The expected date on which a notice will be given under section 34AB of the Agvet Code is prior to 9 November 2028. The notices are expected to be issued to holders and to other persons through publication in the APVMA Gazette.
Final Regulatory Decision	The expected date on which a decision will be made in relation to the reconsideration under section 34 of the Code is prior to 9 March 2030.