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## **Agricultural and Veterinary Chemicals Code (Chemical Products) Amendment (Fenitrothion) Standard 2026**

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I, Edward Cram, Executive Director, Agricultural Chemicals, Australian Pesticides and Veterinary Medicines Authority, make the following standard.

Dated 2026

Edward Cram **[DRAFT ONLY—NOT FOR SIGNATURE]**  
Executive Director, Agricultural Chemicals  
Delegate  
Australian Pesticides and Veterinary Medicines Authority

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## 1 Name

This instrument is the *Agricultural and Veterinary Chemicals Code (Chemical Products) Amendment (Fenitrothion) Standard 2026*.

## 2 Commencement

- (1) Each provision of this instrument specified in column 1 of the table commences, or is taken to have commenced, in accordance with column 2 of the table. Any other statement in column 2 has effect according to its terms.

Commencement information		
Column 1	Column 2	Column 3
Provisions	Commencement	Date/Details
1. The whole of this instrument	The day after this instrument is registered.	

Note: This table relates only to the provisions of this instrument as originally made. It will not be amended to deal with any later amendments of this instrument.

- (2) Any information in column 3 of the table is not part of this instrument. Information may be inserted in this column, or information in it may be edited, in any published version of this instrument.

## 3 Authority

This instrument is made under section 6E of the Schedule to the *Agricultural and Veterinary Chemicals Code Act 1994*.

## 4 Schedules

Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

## Schedule 1—Amendments

### *Agricultural and Veterinary Chemicals Code (Chemical Products)* *Standard 2025*

#### 1 Section 4 (note)

Repeal the note, substitute:

- Note: A number of expressions used in this instrument are defined in section 3 of the Code, including the following:
- (a) active constituent;
  - (b) agricultural chemical product;
  - (c) approved label;
  - (d) chemical product;
  - (e) substance;
  - (f) veterinary chemical product.

#### 2 Section 4

Insert:

*specified physiochemical property* means the permitted value or range of a physiochemical property (such as pH or viscosity) of a chemical product.

#### 3 Section 5

Repeal the section, substitute:

#### 5 Standard for chemical products

A chemical product with the active constituent listed in column 1 of an item in the following table, that is of the type listed in column 2 of that item and that is of the formulation type listed in column 3 of that item must conform to the following:

- (a) the relevant specified active content listed in column 4 of that item;
- (b) the specified impurity level listed in column 5 of that item;
- (c) the specified physiochemical property (if any) listed in column 6 of that item.

Note 1: Subsection 5A(1) of the Code provides a definition of *meets the safety criteria* for the purposes of the Code. Subsection 5A(3) of the Code requires the APVMA to have regard to the matters specified in paragraph 5A(3)(a) of the Code for the purposes of being satisfied as to whether a chemical product meets the safety criteria.

In particular, these matters include whether the product conforms, or would conform, to any standard made for the product under section 6E of the Code to the extent that the standard relates to matters covered by subsection 5A(1) of the Code (see subparagraph 5A(3)(a)(via) of the Code).

Note 2: A person may commit an offence or be liable to a civil penalty if the person supplies a prescribed chemical product, or causes or permits a prescribed product to be supplied, if the product or an active constituent contained in the product does not conform with a standard prescribed in respect of the product or the active constituent contained in the product (see section 87 of the Code and regulation 42 of the *Agricultural and Veterinary Chemicals Code Regulations 1995*).

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Amendments Schedule 1

Item	Column 1 Active constituent(s)	Column 2 Type	Column 3 Formulation type	Column 4 Specified active content	Column 5 Specified impurity levels	Column 6 Specified physiochemical property
1	Malathion	Agricultural chemical product or veterinary chemical product	Emulsifiable concentrate (EC)	<p>Declared malathion content up to and including 25 g/L: <math>\pm 15\%</math></p> <p>Declared malathion content above 25 g/L up to and including 100 g/L: <math>\pm 10\%</math></p> <p>Declared malathion content above 100 g/L up to and including 250 g/L: <math>\pm 6\%</math></p> <p>Declared malathion content above 250 g/L up to and including 500 g/L: <math>\pm 5\%</math></p> <p>Declared malathion content above 500 g/L: <math>\pm 25</math> g/L</p>	<p>Malaoxon: maximum 0.1% w/w of the measured malathion content</p> <p>Isomalathion: maximum 0.8% w/w of the measured malathion content</p> <p>O,O,S-trimethylphosphorothioate (MeOOSPO): maximum 0.5% w/w of the measured malathion content</p>	Not applicable
2	Malathion	Agricultural chemical product or veterinary chemical product	Emulsions, oil-in-water (EW)	<p>Declared malathion content up to and including 25 g/L: <math>\pm 15\%</math></p> <p>Declared malathion content above 25 g/L up to and including 100 g/L: <math>\pm 10\%</math></p> <p>Declared malathion content above 100 g/L up</p>	<p>Malaoxon: maximum 0.8% w/w of the measured malathion content</p> <p>Isomalathion: maximum 0.6% w/w of the measured malathion content</p> <p>O,O,S-trimethylphosphorothioate (MeOOSPO): maximum 0.5% w/w of the measured malathion content</p>	Not applicable

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## Schedule 1 Amendments

Item	Column 1 Active constituent(s)	Column 2 Type	Column 3 Formulation type	Column 4 Specified active content	Column 5 Specified impurity levels	Column 6 Specified physiochemical property
				to and including 250 g/L: ±6%  Declared malathion content above 250 g/L up to and including 500 g/L: ±5%  Declared malathion content above 500 g/L: ±25 g/L		
3	Malathion	Agricultural chemical product	Ultra-low volume liquid (UL)	Declared malathion content 500 g/L and above: ±25 g/L	Malaoxon: maximum 0.1% w/w of the measured malathion content  Isomalathion: maximum 0.4% w/w of the measured malathion content  O,O,S-trimethylphosphorothioate (MeOOSPO): maximum 0.5% w/w of the measured malathion content  O,S,S-trimethylphosphorodithioate (MeOSSPO): maximum 0.01% w/w of the measured malathion content	Not applicable
4	Malathion	Agricultural chemical product or veterinary chemical product	Dustable powder (DP)	Declared malathion content up to and including 25 g/kg: ±25%  Declared malathion content above 25 g/kg up to and including 100 g/kg: within -10% and +25%	Malaoxon: maximum 0.1% w/w of the measured malathion content  Isomalathion: maximum 2.5% w/w of the measured malathion content  O,O,S-trimethylphosphorothioate (MeOOSPO): maximum 0.5% w/w of the measured malathion content	Not applicable
5	Fenitrothion	Agricultural	Emulsifiable	Declared fenitrothion	S-methyl fenitrothion: maximum 2.5%	pH (1% v/v dilution)

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Amendments **Schedule 1**

<b>Item</b>	<b>Column 1 Active constituent(s)</b>	<b>Column 2 Type</b>	<b>Column 3 Formulation type</b>	<b>Column 4 Specified active content</b>	<b>Column 5 Specified impurity levels</b>	<b>Column 6 Specified physiochemical property</b>
		chemical product	concentrate (EC)	content above 250 g/L up to and including 500 g/L: ±5% Declared fenitrothion content above 500 g/L: ±25 g/L	w/w of the measured fenitrothion content Tetramethyl pyrophosphorothioate (TMPP): maximum 0.3% w/w of the measured fenitrothion content Water: maximum 2 g/L	of the product in distilled or deionised water): 3-6
6	Fenitrothion	Agricultural chemical product	Ultra-low volume liquid (UL)	Declared fenitrothion content above 250 g/L up to and including 500 g/L: ±5% Declared fenitrothion content above 500 g/L: ±25 g/L	S-methyl fenitrothion: maximum 2.0% w/w of the measured fenitrothion content Tetramethyl pyrophosphorothioate (TMPP): maximum 0.3% w/w of the measured fenitrothion content Water: maximum 2 g/L	pH (1% v/v dilution of the product in distilled or deionised water): 3-6

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