

EXPOSURE DRAFT



Agricultural and Veterinary Chemicals Code (Agricultural Active Constituents) Amendment (2026 Measures No. 1) Standards 2026

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

EXPOSURE DRAFT

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1 Name

This instrument is the *Agricultural and Veterinary Chemicals Code (Agricultural Active Constituents) Amendment (2026 Measures No. 1) Standards 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Note: This table relates only to the provisions of this instrument as originally made.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Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

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Schedule 1 Amendments

Schedule 1—Amendments

Agricultural and Veterinary Chemicals Code (Agricultural Active Constituents) Standards 2022

1 At the end of subsection 1(3)

Add “in accordance with any requirements specified in that column”.

2 Schedule (table)

Omit:

Common Name: 1,3-dichloropropene Chemical Name: (EZ)-1,3-dichloropropene CAS Number: 542-75-6	The material shall consist of 1,3-dichloropropene together with related manufacturing impurities and shall be a colourless-to-amber liquid with a sweet penetrating odour, free from visible extraneous matter and added modifying agents, other than the stabilizer.	970 g/kg minimum	
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substitute:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: 1,3-Dichloropropene Chemical Name: (EZ)-1,3-Dichloropropene CAS Number: 542-75-6	The material must consist of 1,3-dichloropropene together with related manufacturing impurities and must be a colourless-to-amber liquid with a sweet penetrating odour, free from visible extraneous matter and modifying agents, other than the stabiliser.	970 g/kg minimum (excluding any added stabilisers)	
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3 Schedule (table)

Omit:

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Schedule 1 Amendments

Common Name: Abamectin Chemical Name: Mixture CAS Number: 71751-41-2	Abamectin is a mixture containing > 80% (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-methyl-4-O-(2,6-dideoxy-3-O-methyl-alpha-L-arabino-hexopyranosyl)-3-O-methyl-alpha-L-arabino-hexopyranoside and less than 20% of (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-21,24-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-methyl-4-O-(2,6-dideoxy-3-O-methyl-alpha-L-arabino-hexopyranosyl)-3-O-methyl-alpha-L-arabino-hexopyranoside. The material shall consist of abamectin together with related manufacturing impurities and shall be colourless to pale-yellow solid, free from visible extraneous matter and added modifying agents.	930 g/kg minimum	
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substitute:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Abamectin Chemical Name: A mixture containing more than 80% of (10<i>E</i>,14<i>E</i>,16<i>E</i>,22<i>Z</i>)-(1<i>R</i>,4<i>S</i>,5'<i>S</i>,6<i>S</i>,6'<i>R</i>,8<i>R</i>,12<i>S</i>,13<i>S</i>,20<i>R</i>,21<i>R</i>,24<i>S</i>)-6'-[(<i>S</i>)-<i>sec</i>-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'<i>H</i>-pyran)-12-yl 2,6-dideoxy-4-<i>O</i>-methyl-4-<i>O</i>-(2,6-dideoxy-3-<i>O</i>-methyl-α-L-arabino-hexopyranosyl)-3-<i>O</i>-methyl-α-L-arabino-hexopyranoside and less than 20% of (10<i>E</i>,14<i>E</i>,16<i>E</i>,22<i>Z</i>)-(1<i>R</i>,4<i>S</i>,5'<i>S</i>,6<i>S</i>,6'<i>R</i>,8<i>R</i>,12<i>S</i>,13<i>S</i>,20<i>R</i>,21<i>R</i>,24<i>S</i>)-21,24-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'<i>H</i>-pyran)-12-yl 2,6-dideoxy-4-<i>O</i>-methyl-4-<i>O</i>-(2,6-dideoxy-3-<i>O</i>-methyl-α-L-arabino-hexopyranosyl)-3-<i>O</i>-methyl-α-L-arabino-hexopyranoside. CAS Number: 71751-41-2	The material must consist of abamectin together with related manufacturing impurities and must be a colourless to pale yellow solid, free from visible extraneous matter and modifying agents.	930 g/kg minimum (dry weight basis)	
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4 Schedule (table)

Omit:

Common Name: Acrolein Chemical Name: acrylaldehyde CAS Number: 107-02-8	The material shall consist of acrolein together with related manufacturing impurities and shall be a colourless mobile liquid with a pungent odour, free from visible extraneous matter and added modifying agents, other than the stabilizer.	920 g/kg minimum	
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EXPOSURE DRAFT

Schedule 1 Amendments

substitute:

Common Name: Acrolein Chemical Name: Acrylaldehyde CAS Number: 107-02-8	The material must consist of acrolein together with related manufacturing impurities and must be a colourless mobile liquid with a pungent odour, free from visible extraneous matter and modifying agents, other than the stabiliser.	920 g/kg minimum (excluding any added stabilisers)	
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5 Schedule (table)

After:

Common Name: Amisulbrom Chemical Name: 3-[(3-bromo-6-fluoro-2-methyl-1 <i>H</i> -indol-1-yl)sulfonyl]- <i>N,N</i> -dimethyl-1 <i>H</i> -1,2,4-triazole-1-sulfonamide CAS Number: 348635-87-0	The material shall consist of amisulbrom together with related manufacturing impurities and shall be a pale yellow to pale brown fine powder or crystalline solid, with no odour, free from visible extraneous matter and added modifying agents.	965 g/kg minimum.	
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insert:

EXPOSURE DRAFT

Common Name: Amitraz Chemical Name: <i>N</i>'-(2,4-Dimethylphenyl)-<i>N</i>-{[2,4-dimethylphenyl)imino]methyl}-<i>N</i>-methylmethanimidamide CAS Number: 33089-61-1	The material must consist of amitraz together with related manufacturing impurities and must be a white to pale yellow crystalline solid, free from visible extraneous matter and modifying agents.	950 g/kg minimum	2,4-Dimethylaniline: maximum 3 g/kg
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6 Schedule (table)

Omit:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Beta-cyfluthrin Chemical Name: (RS)-α-cyano-4-fluoro-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate CAS Number: 68359-37-5	The material shall consist of beta-cyfluthrin together with related manufacturing impurities and shall be a white to yellowish powder, free from visible extraneous matter and added modifying agents.	965 g/kg minimum Beta-cyfluthrin is a mixture of four diastereoisomeric pairs of enantiomers and their ratio, expressed as a percentage of the sum of the four diastereoisomers shall be: Diastereoisomeric I (R)-α, (1R)-cis +(S)-α, (1S)-cis: 2.0% maximum Diastereoisomeric II (S)-α, (1R)-cis +(R)-α, (1S)-cis: 30.0-40.0% Diastereoisomeric III (R)-α, (1R)-trans +(S)-α, (1S)-trans: 3.0% maximum Diastereoisomeric IV (S)-α, (1R)-trans +(R)-α, (1S)-trans: 57-67%	
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substitute:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Beta-cyfluthrin Chemical Name: A mixture comprising 30-40% of the enantiomeric pair: (R)-α-cyano-4-fluoro-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(R)- α, (1S)-<i>cis</i>], and (S)-α-cyano-4-fluoro-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(S)- α, (1R)-<i>cis</i>] (Diastereomer pair II) and 57-67% of the enantiomeric pair: (R)-α-cyano-4-fluoro-3-phenoxybenzyl (1S,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(R)- α, (1S)-<i>trans</i>], and (S)-α-cyano-4-fluoro-3-phenoxybenzyl (1R,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(S)- α, (1R)-<i>trans</i>] (Diastereomer pair IV) and no more than 2.0% of the enantiomeric pair: (R)-α-cyano-4-fluoro-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(R)- α, (1R)-<i>cis</i>] and (S)-α-cyano-4-fluoro-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(S)- α, (1S)-<i>cis</i>] (Diastereomeric Pair I) and no more than 3.0% of the enantiomeric pair:	The material must consist of beta-cyfluthrin together with related manufacturing impurities and must be a white to yellowish powder, free from visible extraneous matter and modifying agents.	965 g/kg minimum	
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Schedule 1 Amendments

(S)-α-cyano-4-fluoro-3-phenoxybenzyl (1<i>R</i>,3<i>S</i>)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(S)- α, (1<i>R</i>)-<i>trans</i>], and (R)-α-cyano-4-fluoro-3-phenoxybenzyl (1<i>S</i>,3<i>R</i>)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate [(R)- α -(1<i>S</i>)-<i>trans</i>] (Diastereomeric pair III) CAS Number: 1820573-27-0			
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7 Schedule (table)

Omit:

Common Name: Chlorantraniliprole Chemical Name: 3-bromo-4'-chloro-1-(3-chloro-2-pyridyl)-2'-methyl-6'-(methylcarbamoyl)-1<i>H</i>-pyrazole-5-carboxanilide CAS Number: 500008-45-7	The material shall consist of chlorantraniliprole together with related manufacturing impurities and shall be a crystalline off-white powder, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	
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substitute:

Common Name: Chlorantraniliprole Chemical Name: 3-Bromo-<i>N</i>-[4-chloro-2-methyl-6-(methylcarbamoyl)phenyl]-1-(3-chloropyridin-2-yl)-1<i>H</i>-pyrazole-5-carboxamide CAS Number: 500008-45-7	The material must consist of chlorantraniliprole together with related manufacturing impurities and must be a crystalline off-white powder, free from visible extraneous matter and modifying agents.	950 g/kg minimum	
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EXPOSURE DRAFT

Amendments **Schedule 1**

8 Schedule (table)

Omit:

Common Name: Chlorpyrifos Chemical Name: <i>O,O</i> -diethyl <i>O</i> -(3,5,6-trichloro-2-pyridyl) phosphorothioate CAS Number: 2921-88-2	The material shall consist of chlorpyrifos together with related manufacturing impurities and shall be a white to amber solid, with a mild mercaptan type (sulphur) odour, free from visible extraneous matter and added modifying agents.	940 g/kg minimum	0,0,0',0'-tetraethyl dithiopyrophosphate (S,S-TEPP): 3 g/kg maximum
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substitute:

Common Name: Chlorpyrifos Chemical Name: <i>O,O</i> -Diethyl <i>O</i> -(3,5,6-trichloro-2-pyridyl) phosphorothioate CAS Number: 2921-88-2	The material must consist of chlorpyrifos together with related manufacturing impurities and must be a white to amber solid, with a mild mercaptan type (sulfur) odour, free from visible extraneous matter and modifying agents.	970 g/kg minimum	Sulfotep (<i>O,O,O',O'</i> -tetraethyl dithiopyrophosphate): maximum 3 g/kg
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9 Schedule (table)

Omit:

Common Name: Copper carbonate Chemical Name: copper(II) carbonate hydroxide (2:1:2) CAS Number: 12069-69-1	The material shall consist of basic copper carbonate [Cu(OH) ₂ .CuCO ₃] together with related manufacturing impurities. It shall be a green amorphous powder, free from visible extraneous matter and added modifying agents..	957 g/kg minimum (equivalent to 550 g/kg as total copper).	Arsenic: maximum 0.1 x X mg/kg, where X is the copper content Lead: maximum 0.5 x X mg/kg, where X is the copper content Cadmium: maximum 0.1 x X mg/kg, where X is the copper content
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substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Copper carbonate Chemical Name: Copper(II) carbonate hydroxide (2:1:2) CAS Number: 12069-69-1	The material must consist of basic copper carbonate $[\text{Cu}(\text{OH})_2 \cdot \text{CuCO}_3]$ together with related manufacturing impurities. It must be a green amorphous powder, free from visible extraneous matter and modifying agents.	957 g/kg minimum (equivalent to 550 g/kg as total copper)	Arsenic: maximum $0.1 \times C$ mg/kg Lead: maximum $0.5 \times C$ mg/kg Cadmium: maximum $0.1 \times C$ mg/kg Where C (in the unit of measurement g/kg) is the copper content
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10 Schedule (table)

Omit:

Common Name: Copper Hydroxide Chemical Name: copper(II) hydroxide CAS Number: 20427-59-2	The material shall consist of copper hydroxide $\text{Cu}(\text{OH})_2$, together with related manufacturing impurities and shall be a blue powder, free from visible extraneous matter and added modifying agents other than stabilizers.	880 g/kg minimum (equivalent to 573 g/kg as total copper).	Arsenic: maximum $0.1 \times X$ mg/kg, where X is the copper content Lead: maximum $0.5 \times X$ mg/kg, where X is the copper content Cadmium: maximum $0.1 \times X$ mg/kg, where X is the copper content
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substitute:

Common Name: Copper hydroxide Chemical Name: Copper(II) hydroxide $[\text{Cu}(\text{OH})_2]$ CAS Number: 20427-59-2	The material must consist of copper hydroxide, together with related manufacturing impurities and must be a blue powder, free from visible extraneous matter and modifying agents other than stabilisers.	880 g/kg minimum (equivalent to 573 g/kg as total copper), excluding any added stabilisers.	Arsenic: maximum $0.1 \times C$ mg/kg Lead: maximum $0.5 \times C$ mg/kg Cadmium: maximum $0.1 \times C$ mg/kg Where C (in the unit of measurement g/kg) is the copper content
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11 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Copper oxychloride Chemical Name: dicopper(II) chloride trihydroxide CAS Number: 1332-40-7	The material shall consist of copper oxychloride $[3\text{Cu}(\text{OH})_2.\text{CuCl}_2]$ together with related manufacturing impurities. It shall be green to bluish-green powder, free from visible extraneous matter and added modifying agents other than stabilizers.	925 g/kg minimum (equivalent to 550 g/kg as total copper).	Arsenic: maximum $0.1 \times X$ mg/kg, where X is the copper content Lead: maximum $0.5 \times X$ mg/kg, where X is the copper content Cadmium: maximum $0.1 \times X$ mg/kg, where X is the copper content
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Substitute:

Common Name: Copper oxychloride Chemical Name: Dicopper(II) chloride trihydroxide $[3\text{Cu}(\text{OH})_2.\text{CuCl}_2]$ CAS Number: 1332-40-7	The material must consist of copper oxychloride together with related manufacturing impurities and must be a green to bluish-green powder, free from visible extraneous matter and modifying agents other than stabilisers.	925 g/kg minimum (equivalent to 550 g/kg as total copper), excluding any added stabilisers.	Arsenic: maximum $0.1 \times C$ mg/kg Lead: maximum $0.5 \times C$ mg/kg Cadmium: maximum $0.1 \times C$ mg/kg Where C (in the unit of measurement g/kg) is the copper content
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12 Schedule (table)

Omit:

Common Name: Copper pyriithione Chemical Name: copper;1-oxidopyridin-1-ium-2-thiolate CAS Number: 14915-37-8	The material shall consist of copper pyriithione with related manufacturing impurities and shall be an olive green powder, free from visible extraneous matter and added modifying agents other than stabilizers.	951 g/kg minimum	
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substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Copper pyrithione Chemical Name: bis(1-Hydroxy-1H-pyridine-2-thionato- <i>O,S</i>)copper CAS Number: 14915-37-8	The material must consist of copper pyrithione with related manufacturing impurities and must be an olive green powder, free from visible extraneous matter and modifying agents other than stabilisers.	951 g/kg minimum (excluding any added stabilisers)	
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13 Schedule (table)

Omit:

Common Name: Copper sulfate pentahydrate Chemical Name: copper(II) sulfate CAS Number: 7758-98-7	The material shall consist of cupric sulfate [copper (II) sulfate, CuSO ₄ .5H ₂ O] pentahydrate together with related manufacturing impurities and shall be a blue crystalline material, free from visible extraneous matter and added modifying agents.	980 g/kg minimum (equivalent to 250 g/kg as total copper).	Arsenic: maximum 0.1 x X mg/kg, where X is the copper content Lead: maximum 0.5 x X mg/kg, where X is the copper content Cadmium: maximum 0.1 x X mg/kg, where X is the copper content
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substitute:

Common Name: Copper sulfate pentahydrate Chemical Name: Copper(II) sulfate [CuSO ₄ .5H ₂ O] CAS Number: 7758-99-8	The material must consist of copper (II) sulfate pentahydrate together with related manufacturing impurities and must be a blue crystalline material, free from visible extraneous matter and modifying agents.	980 g/kg minimum (equivalent to 250 g/kg as total copper)	Arsenic: maximum 0.1 × C mg/kg Lead: maximum 0.5 × C mg/kg Cadmium: maximum 0.1 × C mg/kg Where C (in the unit of measurement g/kg) is the copper content
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14 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Cuprous oxide Chemical Name: Copper (I) oxide CAS Number: 1317-39-1	The material shall consist of cuprous oxide [copper (I) oxide, Cu ₂ O] together with related manufacturing impurities and shall be an orange to red to purple powder, free from visible extraneous matter and added modifying agents other than stabilisers, not being a constituent of a marine coating or antifouling paint.	923 g/kg minimum (equivalent to no less than 820 g/kg total copper).	Arsenic (As): maximum $0.1 \times X$ = mg/kg maximum limit. Where X is the copper content Lead (Pb): maximum $0.5 \times X$ = mg/kg maximum limit. Where X is the copper content Cadmium (Cd): maximum $0.1 \times X$ = mg/kg maximum limit. Where X is the copper content Copper other than cuprous oxide: Metallic copper: maximum $50 \times X$ = mg/kg maximum limit. Where X is the copper content Cupric copper: maximum $100 \times X$ = mg/kg maximum limit. Where X is the copper content Copper soluble in water: maximum $25 \times X$ = mg/kg maximum limit. Where X is the copper content
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substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Cuprous oxide – for use other than in marine coatings and antifouling paints Chemical Name: Copper(I) oxide [Cu₂O] CAS Number: 1317-39-1	The material must consist of cuprous oxide together with related manufacturing impurities and must be an orange to red-purple powder, free from visible extraneous matter and modifying agents other than stabilisers.	923 g/kg minimum (equivalent to no less than 820 g/kg total copper; excluding any added stabilisers)	Arsenic (As): maximum $0.1 \times C$ mg/kg Lead (Pb): maximum $0.5 \times C$ mg/kg Cadmium (Cd): maximum $0.1 \times C$ mg/kg Copper other than cuprous oxide: Metallic copper: maximum $50 \times C$ mg/kg Cupric copper: maximum $100 \times C$ mg/kg Copper soluble in water: maximum $25 \times C$ mg/kg Where C (in the unit of measurement g/kg) is the copper content
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15 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Cuprous oxide - for use in marine coatings and antifouling paints Chemical Name: Copper (I) oxide CAS Number: 1317-39-1	The material shall consist of cuprous oxide [copper (I) oxide, Cu ₂ O] together with related manufacturing impurities and shall be an orange to red to purple powder, free from visible extraneous matter and added modifying agents other than stabilisers and being a constituent of a marine coating or antifouling paint.	900 g/kg minimum (equivalent to no less than 800 g/kg total copper) and when determined the content obtained shall not differ from that declared by more than ± 30 g/kg.	Arsenic (As): maximum $0.2 \times X = \text{mg/kg}$, where X is the copper content Lead (Pb): maximum $5 \times X = \text{mg/kg}$, where X is the copper content Cadmium (Cd): maximum $0.2 \times X = \text{mg/kg}$, where X is the copper content Copper other than cuprous oxide: Metallic copper: maximum $50 \times X = \text{mg/kg}$, where X is the copper content Cupric copper: maximum $100 \times X = \text{mg/kg}$, where X is the copper content Copper soluble in water: maximum $25 \times X = \text{mg/kg}$, where X is the copper content
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substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Cuprous oxide - for use in marine coatings and antifouling paints Chemical Name: Copper(I) oxide [Cu ₂ O] CAS Number: 1317-39-1	The material must consist of cuprous oxide together with related manufacturing impurities and must be an orange to red to purple powder, free from visible extraneous matter and modifying agents other than stabilisers. When the content of the active constituent is determined it shall not differ from that declared by more than ± 30 g/kg.	900 g/kg minimum (equivalent to no less than 800 g/kg total copper) (excluding any added stabilisers)	Arsenic (As): maximum $0.2 \times C$ mg/kg Lead (Pb): maximum $5 \times C$ mg/kg Cadmium (Cd): maximum $0.2 \times C$ mg/kg Copper other than cuprous oxide: Metallic copper: maximum $50 \times C$ mg/kg Cupric copper: maximum $100 \times C$ mg/kg Copper soluble in water: maximum $25 \times C$ mg/kg Where C (in the unit of measurement g/kg) is the copper content
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16 Schedule (table)

Omit:

Common Name: Cyclaniliprole Chemical Name: 1-[(2,4-dichloroanilino)carbonyl]cyclopropanecarboxylic acid CAS Number: 1031756-98-5	The material shall consist of cyclaniliprole together with related manufacturing impurities and shall be an odourless white powdery solid, free from visible extraneous matter and added modifying agents.	935 g/kg minimum	
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substitute:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Cyclaniliprole Chemical Name: 3-Bromo- <i>N</i> -(2-bromo-4-chloro-6-[[[(1 <i>RS</i>)-1-cyclopropylethyl]carbamoyl]phenyl)-1-(3-chloropyridin-2-yl)-1 <i>H</i> -pyrazole-5-carboxamide CAS Number: 1031756-98-5	The material must consist of cyclaniliprole together with related manufacturing impurities and must be an odourless white powdery solid, free from visible extraneous matter and modifying agents.	935 g/kg minimum	
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17 Schedule (table)

After:

Common Name: Cyclaniliprole Chemical Name: 1-[(2,4-dichloroanilino)carbonyl]cyclopropanecarboxylic acid CAS Number: 1031756-98-5	The material shall consist of cyclaniliprole together with related manufacturing impurities and shall be an odourless white powdery solid, free from visible extraneous matter and added modifying agents	935 g/kg minimum	
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Insert:

Common Name: Cyclobutrifluram Chemical Name: Mixture comprised of minimum 850 g/kg (dry weight) <i>N</i> -[(1 <i>S</i> ,2 <i>S</i>)-2-(2,4-dichlorophenyl)cyclobutyl]-2-(trifluoromethyl)pyridine-3-carboxamide and maximum 100 g/kg (dry weight) of the (1 <i>R</i> ,2 <i>R</i>)-enantiomer CAS Number: 1460292-16-3	The material must consist of cyclobutrifluram together with relevant manufacturing impurities and must be an off-white to grey powder, with no characteristic odour, free from visible extraneous matter and modifying agents.	950 g/kg minimum (dry weight basis) 1 <i>S</i> ,2 <i>S</i> enantiomer: minimum 850 g/kg (dry weight basis) 1 <i>R</i> ,2 <i>R</i> enantiomer: maximum 100 g/kg (dry weight basis)	
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EXPOSURE DRAFT

Schedule 1 Amendments

18 Schedule (table)

Omit:

Common Name: Cyflufenamid Chemical Name: 2',3-Dibromo-4'-chloro-1-(3-chloro-2-pyridyl)-6'-[[{(1 <i>RS</i>)-1-cyclopropylethyl]carbamoyl}pyrazole-5-carboxanilide CAS Number: 180409-60-3.	the technical material shall consist of cyflufenamid together with related manufacturing impurities and shall be a white powder with a slight aromatic odour, free from visible extraneous matter and added modifying agents.	980 g/kg minimum.	
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substitute:

Common Name: Cyflufenamid Chemical Name: <i>N</i> -{[(<i>Z</i>)-[(Cyclopropylmethoxy)imino][2,3-difluoro-6-(trifluoromethyl)phenyl]methyl}-2-phenylacetamide CAS Number: 180409-60-3	The material must consist of cyflufenamid together with related manufacturing impurities and must be a white powder with a slight aromatic odour, free from visible extraneous matter and modifying agents.	980 g/kg minimum	
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19 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Diazinon Chemical Name: <i>O,O</i> -diethyl <i>O</i> -(2-isopropyl-6-methylpyrimidin-4-yl) phosphorothioate CAS Number: 333-41-5	The material shall consist of diazinon together with related manufacturing impurities and shall be a yellow to brown liquid, free from visible extraneous matter and added modifying agents, other than the stabilizer.	950 g/kg minimum (excluding any added stabilizer)	0,0,0',0'-tetraethyl thiopyrophosphate (0,S-TEPP): maximum: 0.2 g/kg 0,0,0',0'-tetraethyl dithiopyrophosphate (S,S-TEPP): maximum: 2.5 g/kg Water: 0.6 g/kg maximum Acidity: Not higher than 0.3 g/kg calculated as H ₂ SO ₄ (CIPAC method MT 31).
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substitute:

Common Name: Diazinon Chemical Name: <i>O,O</i> -Diethyl <i>O</i> -(2-isopropyl-6-methylpyrimidin-4-yl) phosphorothioate CAS Number: 333-41-5	The material must consist of diazinon together with related manufacturing impurities and must be a yellow to brown liquid, free from visible extraneous matter and modifying agents, other than the stabiliser.	950 g/kg minimum (excluding any added stabiliser)	<i>O,O,O',O'</i> -Tetraethyl thiopyrophosphate (<i>O,S</i> -TEPP): maximum: 0.2 g/kg <i>O,O,O',O'</i> -Tetraethyl dithiopyrophosphate (<i>S,S</i> -TEPP): maximum: 2.5 g/kg Water: 0.6 g/kg maximum Acidity: Not higher than 0.3 g/kg calculated as H ₂ SO ₄ (CIPAC method MT 31).
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20 Schedule (table)

After:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride Chemical Name: Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride CAS Number: 27668-52-6	: Dimethyloctadecyl[3-(trimethoxysilyl)propyl]ammonium chloride is typically supplied as a technical concentrate (manufacturing concentrate) with a nominal active content of 72% w/w (720 g/kg). In this form it shall be a pale amber to off-white liquid with a mild detergent odour, free from visible extraneous matter.	<table><tr><td colspan="2">Content shall be declared, and when measured, shall not differ from the declared amount by more than the amount specified in the table below:</td></tr><tr><td>Declared content (g/kg)</td><td>Allowable deviation from declared content</td></tr><tr><td>More than 500</td><td>± 25 g/kg</td></tr><tr><td>More than 250 up to 500</td><td>± 5%</td></tr><tr><td>More than 100 up to 250</td><td>± 6%</td></tr><tr><td>More than 25 up to 100</td><td>± 10%</td></tr><tr><td>Up to 25</td><td>± 15%</td></tr></table>	Content shall be declared, and when measured, shall not differ from the declared amount by more than the amount specified in the table below:		Declared content (g/kg)	Allowable deviation from declared content	More than 500	± 25 g/kg	More than 250 up to 500	± 5%	More than 100 up to 250	± 6%	More than 25 up to 100	± 10%	Up to 25	± 15%	
Content shall be declared, and when measured, shall not differ from the declared amount by more than the amount specified in the table below:																	
Declared content (g/kg)	Allowable deviation from declared content																
More than 500	± 25 g/kg																
More than 250 up to 500	± 5%																
More than 100 up to 250	± 6%																
More than 25 up to 100	± 10%																
Up to 25	± 15%																

Insert:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Dimpropyridaz Chemical Name: 1-[(1 <i>RS</i>)-1,2-Dimethylpropyl]- <i>N</i> -ethyl-5-methyl- <i>N</i> -pyridazin-4-yl-1 <i>H</i> -pyrazole-4-carboxamide CAS Number: 1403615-77-9	The material must consist of dimpropyridaz together with related manufacturing impurities and must be a light beige powder, free from visible extraneous matter and modifying agents.	950 g/kg minimum	
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21 Schedule (table)

Omit:

Common Name: Direct Red 254 Chemical Name: Disodium 7-amino-4-hydroxy-3-({4-[(4-sulfonatophenyl)diazenyl]phenyl}diazeyl)naphthalene-2-sulfonate CAS Number: 1013800-00-1	The material shall consist of Direct Red 254 together with related manufacturing impruties and shall be a blackish powder, readily soluble in water, and free from visible extraneous matter and added modifying agents.	950 g/kg minimum on a dry weight basis	
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substitute:

Common Name: Direct Red 254 Chemical Name: Disodium 7-amino-4-hydroxy-3-({4-[(4-sulfonatophenyl)diazenyl]phenyl}diazeyl)naphthalene-2-sulfonate CAS Number: 6300-50-1	The material must consist of Direct Red 254 together with related manufacturing impurities and must be a blackish powder, readily soluble in water, and free from visible extraneous matter and modifying agents.	950 g/kg minimum (dry weight basis)	
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22 Schedule (table)

Omit:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Diuron Chemical Name: <i>S</i> ³ , <i>S</i> ⁵ -dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)pyridine-3,5-dicarbothioate CAS Number: 330-54-1	The material shall consist of diuron together with related manufacturing impurities and shall be colourless solid, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	3,3',4,4'-tetrachloroazobenzene: 20 mg/kg maximum 3,3',4,4'-tetrachloroazoxybenzene: 2 mg/kg maximum
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Substitute:

Common Name: Diuron Chemical Name: 3-(3,4-Dichlorophenyl)-1,1-dimethylurea CAS Number: 330-54-1	The material must consist of diuron together with related manufacturing impurities and must be a colourless solid, free from visible extraneous matter and modifying agents.	950 g/kg minimum	3,3',4,4'-Tetrachloroazobenzene: 20 mg/kg maximum 3,3',4,4'-Tetrachloroazoxybenzene: 2 mg/kg maximum
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23 Schedule (table)

After:

Common Name: Etridiazole Chemical Name: ethyl 3-(trichloromethyl)-1,2,4-thiadiazol-5-yl ether CAS Number: 2593-15-9	The material shall consist of etridiazole together with related manufacturing impurities and shall be a reddish-brown liquid, free from visible extraneous matter and added modifying agents.	960 g/kg minimum	
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insert:

Common Name: Famoxadone Chemical Name: (<i>RS</i>)-3-Anilino-5-methyl-5-(4-phenoxyphenyl)-1,3-oxazolidine-2,4-dione CAS Number: 131807-57-3	The material must consist of famoxadone together with related manufacturing impurities and must be a pale cream or off-white solid with no characteristic odour, free from visible extraneous matter and modifying agents.	950 g/kg minimum	Benzene: maximum 50 mg/kg Phenylhydrazine: maximum 10 mg/kg 1,5-diphenylcarbazine: maximum 55 mg/kg 1-Acetyl-2-phenylhydrazine: maximum 300 mg/kg
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EXPOSURE DRAFT

Amendments **Schedule 1**

24 Schedule (table)

After:

Common Name: Fenoxycarb Chemical Name: ethyl [2-(4-phenoxyphenoxy)ethyl]carbamate CAS Number: 72490-01-8	The material shall consist of fenoxycarb together with related manufacturing impurities and shall be colourless to white crystals, free from visible extraneous matter and added modifying agents.	960 g/kg minimum	
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insert:

Common Name: Fenpropidin Chemical Name: 1-[(<i>RS</i>)-3-(4- <i>tert</i> -Butylphenyl)-2-methylpropyl]piperidine CAS Number: 67306-00-7	The material must consist of fenpropidin together with related manufacturing impurities and must be a pale yellow liquid, free from visible extraneous matter and modifying agents.	980 g/kg minimum	
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25 Schedule (table)

Omit:

Common Name: Flupyradifurone Chemical Name: 4-[[[6-chloro-3-pyridyl)methyl](2,2-difluoroethyl)amino}furan-2(5H)-one CAS Number: 951659-40-8	The material shall consist of flupyradifurone together with related manufacturing impurities, and shall be a white to beige or pink powder with a distinct, solvent-like odour, free from visible extraneous matter and added modified agents.	960 g/kg minimum.	
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Substitute:

Common Name: Flupyradifurone Chemical Name: 4-[[[6-chloro-3-pyridyl)methyl](2,2-difluoroethyl)amino}furan-2(5H)-one CAS Number: 951659-40-8	The material must consist of flupyradifurone together with related manufacturing impurities and must be a white to beige or pink powder with a distinct, solvent-like odour, free from visible extraneous matter and modifying agents.	960 g/kg minimum.	
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EXPOSURE DRAFT

Schedule 1 Amendments

26 Schedule (table)

Omit:

Common Name: Fomesafen Chemical Name: 5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide CAS Number: 68157-60-8	The material shall consist of fomesafen together with related manufacturing impurities and shall be a white powder with no characteristic odour, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	
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27 Schedule (table)

Omit:

Common Name: Glufosinate-ammonium Chemical Name: ammonium 4-[hydroxy(methyl)phosphinoyl]-DL-homoalaninate CAS Number: 77182-82-2	The material shall consist of glufosinate-ammonium together with related manufacturing impurities and shall be a crystalline solid , with a slightly pungent odour, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	
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substitute:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Glufosinate-ammonium Chemical Name: Ammonium (3-amino-3-carboxypropyl)methylphosphinate CAS Number: 77182-82-2	If in the form of a technical active constituent, the material must consist of glufosinate-ammonium together with related manufacturing impurities and must be a crystalline solid with a slightly pungent odour, free from visible extraneous matter and added modifying agents. If in the form of a technical concentrate, the material must consist of glufosinate-ammonium together with related manufacturing impurities and must be an aqueous solution with a slightly pungent odour, free from visible extraneous matter and added modifying agents. an aqueous solution.	950 g/kg minimum (dry weight basis)	Cyanide: minimum 10 mg/kg (dry weight basis)
Common Name: Glufosinate-P-ammonium Chemical Name: Ammonium [(3S)-3-amino-3-carboxypropyl)methylphosphinate CAS Number: 73777-50-1	If in the form of a technical active constituent, the material must consist of glufosinate-P-ammonium together with related manufacturing impurities and must be a white powder with no or slight odour, free from visible extraneous matter and added modifying agents. If in the form of a technical concentrate the material must be an aqueous solution.	880 g/kg minimum (dry weight basis)	Cyanide: maximum 10 mg/kg

28 Schedule (table)

After:

Common Name: Hydramethylnon Chemical Name: 5,5-dimethyltetrahydropyrimidin-2(1H)-one {1,5-bis[4-(trifluoromethyl)styryl]penta-1,4-dien-3-ylidene}hydrazone CAS Number: 67485-29-4	The material shall consist of hydramethylnon together with related manufacturing impurities and shall be yellow to tan crystals, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	
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insert:

Common Name: Hydrogen cyanide Chemical Name: Hydrogen cyanide CAS Number: 74-90-8	The material must consist of hydrogen cyanide together with related manufacturing impurities and must be a clear colourless volatile liquid, with an odour of bitter almonds, free from visible extraneous matter and modifying agents	976 g/kg minimum	
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EXPOSURE DRAFT

Schedule 1 Amendments

29 Schedule (table)

After:

Common Name: Indoxacarb [technical concentrate] Chemical Name: methyl (S)-N-[[7-chloro-2,3,4a,5-tetrahydro-4a-(methoxycarbonyl)indeno[1,2-e][1,3,4]oxadiazin-2-yl]carbonyl]-4'-(trifluoromethoxy)carbanilate CAS Number: 173584-44-6	The material shall consist of indoxacarb, together with related manufacturing impurities and normally contains an added processing aid. The technical concentrate shall be a white powder.	The indoxacarb (active S-isomer) content shall be declared, and shall be a minimum of 467 g/kg. When determined, the average measured content shall not differ from that declared by more than the following. Above 250 up to 500 g/kg: $\pm 5\%$ of the declared content Above 500 g/kg: ± 25 g/kg of the declared content	
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insert:

Common Name: Inpyrfluxam Chemical Name: 3-(Difluoromethyl)-N-[(3R)-2,3-dihydro-1,1,3-trimethyl-1H-inden-4-yl]-1-methyl-1H-pyrazole-4-carboxamide CAS Number: 1352994-67-2	The material must consist of inpyrfluxam together with related manufacturing impurities and must be a white to beige powder, free from visible extraneous matter and modifying agents.	950 g/kg minimum	S-enantiomer of inpyrfluxam: 50 g/kg maximum
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30 Schedule (table)

After:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Ipconazole Chemical Name: (1 <i>RS</i> ,2 <i>SR</i> ,5 <i>RS</i> ;1 <i>RS</i> ,2 <i>SR</i> ,5 <i>SR</i>)-2-(4-chlorobenzyl)-5-isopropyl-1-(1 <i>H</i> -1,2,4-triazol-1-ylmethyl)cyclopentanol CAS Number: 125225-28-7	The material shall consist of ipconazole together with related manufacturing impurities and shall be a white powder with cyanide like (almonds) odour, free from visible extraneous matter and added modifying agents.	944 g/kg minimum	
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insert:

Common Name: Ipflufenquin Chemical Name: 2-[(7,8-difluoro-2-methyl-3-quinolinyl)oxy]-6-fluoro- α , α -dimethylbenzenemethanol CAS Number: 1314008-27-9	The material must consist of ipflufenquin together with related manufacturing impurities and must be a white to beige powder, free from visible extraneous matter and modifying agents	970 g/kg minimum	
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31 Schedule (table)

After:

Common Name: Linuron Chemical Name: 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea CAS Number: 330-55-2	The material shall consist of linuron together with related manufacturing impurities and shall be of colourless crystalline solid, free from visible extraneous matter and added modifying agents.	920 g/kg minimum	3,3',4,4'-tetrachloroazobenzene: 20 mg/kg maximum; 3,3',4,4'-tetrachloroazooxybenzene 2mg/kg maximum
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insert:

Common Name: Liquefied petroleum gas Chemical Name: Petroleum gases, liquefied CAS Number: 68476-85-7	The material must consist of liquefied petroleum gas (being a mixture of propane, n-butane, isobutane and minor amounts of pentanes) and under ambient temperature and pressure must be a colourless, essentially odourless gas, free from visible extraneous matter and modifying agents.	990 g/kg minimum (determined at a pressure of 43-48 psig at 25 °C)	
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32 Schedule (table)

After:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Magnesium phosphide Chemical Name: magnesium phosphide CAS Number: 12057-74-8	The material shall consist of magnesium phosphide together with related manufacturing impurities and shall be yellow-green crystals, and contains added processing aids.	940 g/kg minimum	
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insert:

Common Name: Malathion Chemical Name: Diethyl [(dimethoxyphosphinothioyl)thio]succinate CAS Number: 121-75-5	The material must consist of malathion together with related manufacturing impurities and must be a clear, colourless to light amber liquid, free from visible extraneous matter and modifying agents.	950 g/kg minimum	Isomalathion: 2 g/kg maximum within 30 days of manufacture and 4 g/kg maximum (as measured after 14 days at 54°C, or after 2 years storage at ambient temperature) Malaoxon: 1 g/kg maximum <i>O,O,S</i> -Trimethylphosphorothioate (CAS No. 152-20-5): 5 g/kg maximum <i>O,S,S</i> -Trimethylphosphorodithioate (CAS No.22608-53-3): 0.1 g/kg maximum <i>O,O,S</i> -Trimethylphosphorodithioate (CAS no. 2953-29-9): 15 g/kg maximum. <i>O,O,O</i> -Trimethylphosphorothioate (CAS no. 152-18-1): 5 g/kg maximum
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EXPOSURE DRAFT

Amendments **Schedule 1**

33 Schedule (table)

Omit:

Common Name: Maldison Chemical Name: diethyl [[dimethoxyphosphinothioyl]thio]succinate CAS Number: 121-75-5	The material shall consist of maldison together with related manufacturing impurities and shall be a clear, colourless to light amber liquid, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	Isomalathion: 2 g/kg maximum Malaoxon: 1 g/kg maximum O,O,S-trimethylphosphorothioate (CAS No. 152-20-5): 5 g/kg maximum O,S,S-trimethylphosphorodithioate (CAS No.22608-53-3): 0.1 g/kg maximum
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34 Schedule (table)

Omit:

Common Name: Mecoprop Chemical Name: (2RS)-2-(4-chloro-2-methylphenoxy)propanoic acid CAS Number: 7085-19-0	The material shall consist of mecoprop together with related manufacturing impurities and shall be in the form of colourless crystals, free from visible extraneous matter and added modifying agents.	900 g/kg minimum	Free phenols (expressed as 4-chloro-2-methylphenol): 10 g/kg maximum
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substitute:

Common Name: Mecoprop Chemical Name: (2RS)-2-(4-Chloro-2-methylphenoxy)propanoic acid CAS Number: 93-65-2	The material must consist of mecoprop together with related manufacturing impurities and must be in the form of colourless crystals, free from visible extraneous matter and modifying agents.	900 g/kg minimum	Free phenols (expressed as 4-chloro-2-methylphenol): 10 g/kg maximum
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35 Schedule (table)

Omit:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Mecoprop-P Chemical Name: 2-methylpropyl (2 <i>R</i>)-2-(4-chloro-2-methylphenoxy)propanoate CAS Number: 101012-85-5	The material shall consist of mecoprop-P together with related manufacturing impurities and shall be white crystals, free from visible extraneous matter and added modifying agents.	880 g/kg minimum	
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substitute:

Common Name: Mecoprop-P Chemical Name: (2 <i>R</i>)-2-(4-Chloro-2-methylphenoxy)propanoic acid CAS Number: 16484-77-8	The material must consist of mecoprop-P together with related manufacturing impurities and must be white crystals, free from visible extraneous matter and modifying agents	880 g/kg minimum	Free phenols (expressed as 4-chloro-2-methylphenol): 10 g/kg maximum
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36 Schedule (table)

Omit:

Common Name: Metazachlor Chemical Name: 2-chloro-2',6'-dimethyl- <i>N</i> -(1 <i>H</i> -pyrazol-1-ylmethyl)acetanilide CAS Number: 67129-08-2	The material shall consist of metazachlor together with related manufacturing impurities and shall be a colourless solid with a faint aromatic odour, free from visible extraneous matter and added modifying agents. The material may be formulated directly into products as a wet cake, without full removal of residual water, in which case the active content must still comply with the minimum dry weight purity.	950 g/kg minimum (dry weight basis)	
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substitute:

Common Name: Metazachlor Chemical Name: 2-Chloro- <i>N</i> -(2,6-dimethylphenyl)- <i>N</i> -(1 <i>H</i> -pyrazol-1-ylmethyl)acetamide CAS Number: 67129-08-2	The material must consist of metazachlor together with related manufacturing impurities and must be a colourless solid with a faint aromatic odour, free from visible extraneous matter and added modifying agents. The material may be formulated directly into products as a wet cake.	950 g/kg (dry weight basis)	
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37 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Metcamifen Chemical Name: 2-Methoxy- <i>N</i> -{4-[(methylcarbamoyl)amino](benzene-1-sulfonyl)}benzamide CAS Number: 129531-12-0	The material shall consist of metcamifen together with related manufacturing impurities and shall be an odourless white powder, free from visible extraneous matter and added modifying agents.	940 g/kg minimum	
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substitute:

Common Name: Metcamifen Chemical Name: 2-Methoxy- <i>N</i> -{4-[(methylcarbamoyl)amino](benzene-1-sulfonyl)}benzamide CAS Number: 129531-12-0	The material must consist of metcamifen together with related manufacturing impurities and must be an odourless white powder, free from visible extraneous matter and modifying agents.	940 g/kg minimum	
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38 Schedule (table)

Omit:

Common Name: Mevinphos Chemical Name: methyl (<i>E</i>)-3-dimethoxyphosphoryloxybut-2-enoate CAS Number: 26718-65-0	The material shall consist of mevinphos together with related manufacturing impurities, and shall be a clear liquid, light yellow to orange in colour, free from extraneous impurities or added modifying agents.	The sum of the <i>E</i> -isomer and <i>Z</i> -isomer content is shall not be less than 800 g/kg; the minimum content of <i>E</i> -isomer shall be 630 g/kg and <i>Z</i> -isomer shall be a maximum of 170 g/kg.	
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substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Mevinphos Chemical Name: A mixture containing minimum 630 g/kg of methyl (E)-3-dimethoxyphosphoryloxybut-2-enoate and maximum 170 g/kg of methyl (Z)-3-dimethoxyphosphoryloxybut-2-enoate CAS Number: 26718-65-0	The material shall consist of mevinphos together with related manufacturing impurities, and shall be a clear liquid, light yellow to orange in colour, free from extraneous matter and modifying agents.	800 g/kg minimum .T	
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39 Schedule (table)

Omit:

Common Name: Oxamyl Chemical Name: 2-methoxy-2',6'-dimethyl-N-(2-oxooxazolidin-3-yl)acetanilide CAS Number: 23135-22-0	The material shall consist of oxamyl together with related manufacturing impurities and shall be colourless crystals, with a garlic-like odour, free from visible extraneous matter and added modifying agents.	930 g/kg minimum	
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substitute:

Common Name: Oxamyl Chemical Name: Methyl (EZ)-2-(dimethylamino)-N-[(methylcarbamoyl)oxy]-2-oxothioacetamidate CAS Number: 23135-22-0	The material must consist of oxamyl together with related manufacturing impurities and must be colourless crystals, with a garlic-like odour, free from visible extraneous matter and modifying agents.	930 g/kg minimum	
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40 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Penflufen Chemical Name: 2'-[(RS)-1,3-dimethylbutyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxanilide CAS Number: 494793-68-8	The material shall consist of penflufen together with related manufacturing impurities and shall be a white to off white crystalline powder with weak no characteristic odour, free from visible extraneous matter and added modifying agents.	950 g/kg minimum	
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substitute:

Common Name: Penflufen Chemical Name: 2'-[(RS)-1,3-Dimethylbutyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxanilide CAS Number: 494793-67-8	The material must consist of penflufen together with related manufacturing impurities and must be a white to off white crystalline powder with weak to no characteristic odour, free from visible extraneous matter and modifying agents.	950 g/kg minimum	
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41 Schedule (table)

After:

Common Name: Pirimiphos-methyl Chemical Name: O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate CAS Number: 29232-93-7	The material shall consist of pirimiphos-methyl together with related manufacturing impurities and shall be a red-brown liquid at temperatures above 180 °C, free from visible extraneous matter and added modifying agents other than stabilisers (to minimise the formation of S-methyl isomers).	880 g/kg minimum (excluding any added stabilisers).	O,O,S-trimethylphosphorothioate: 5 g/kg maximum.
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insert:

Common Name: Potassium bicarbonate Chemical Name: Potassium hydrogen carbonate CAS Number: 298-14-6	The material shall consist of potassium bicarbonate together with related manufacturing impurities and shall be a white or almost white crystalline powder or colourless crystals, free from visible extraneous matter and modifying agents.	990 g/kg minimum	
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42 Schedule (table)

Omit:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Propargite Chemical Name: (1 <i>RS</i> ,2 <i>RS</i> ;1 <i>RS</i> ,2 <i>SR</i>)-2-(4- <i>tert</i> -butylphenoxy)cyclohexyl prop-2-ynyl sulfite CAS Number: 2312-35-8	The material shall consist of propargite together with related manufacturing impurities and shall be a dark reddish-brown viscous liquid, free from visible extraneous matter and added modifying agents.	870 g/kg minimum	
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substitute:

Common Name: Propargite Chemical Name: (1 <i>RS</i> ,2 <i>RS</i> ;1 <i>RS</i> ,2 <i>SR</i>)-2-(4- <i>tert</i> -Butylphenoxy)cyclohexyl prop-2-ynyl sulfite CAS Number: 2312-35-8	The material must consist of propargite together with related manufacturing impurities and must be a dark reddish-brown viscous liquid, free from visible extraneous matter and modifying agents other than the stabiliser.	870 g/kg minimum (excluding any added stabilisers)	
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43 Schedule (table)

Omit:

Common Name: Propineb Chemical Name: (2 <i>RS</i> ,4 <i>RS</i> ;2 <i>RS</i> ,4 <i>SR</i>)-1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1 <i>H</i> -1,2,4-triazole CAS Number: 12071-83-9	The material shall consist of propineb together with related manufacturing impurities and shall be a white powder, free from visible extraneous matter and added modifying agents other than the added stabilisers and manufacturing aids.	800 g/kg minimum.	Propylene thiourea 5g /kg maximum Arsenic: 25 mg/kg maximum.
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substitute:

Common Name: Propineb Chemical Name: Polymeric zinc propylenebis(dithiocarbamate) CAS Number: 12071-83-9	The material must consist of propineb together with related manufacturing impurities and must be a white powder, free from visible extraneous matter and modifying agents other than stabilisers and manufacturing aids.	800 g/kg minimum (excluding any added stabilisers and manufacturing aids)	Propylene thiourea 5g/kg maximum Arsenic: 25 mg/kg maximum
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44 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Pyraflufen-ethyl Chemical Name: {2-chloro-5-[4-chloro-5-(difluoromethoxy)-1-methyl-1 <i>H</i> -pyrazol-3-yl]-4-fluorophenoxy}acetic acid CAS Number: 129630-17-7	The material shall consist of pyraflufen-ethyl with related manufacturing impurities and shall be a cream coloured powder, free from visible extraneous matter and added modifying agents.	956 g/kg minimum	
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substitute:

Common Name: Pyraflufen-ethyl Chemical Name: Ethyl {2-chloro-5-[4-chloro-5-(difluoromethoxy)-1-methyl-1 <i>H</i> -pyrazol-3-yl]-4-fluorophenoxy}acetate CAS Number: 129630-19-9	The material must consist of pyraflufen-ethyl with related manufacturing impurities and must be a cream coloured powder, free from visible extraneous matter and modifying agents.	956 g/kg minimum	
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45 Schedule (table)

Omit:

Common Name: Quizalofop-P-tefuryl Chemical Name: oxolan-2-ylmethyl 2-[4-(6-chloroquinoxalin-2-yl)oxyphenoxy]propanoate CAS Number: 119738-06-6	The material shall consist of quizalofop-P-tefuryl together with related manufacturing impurities and shall be a thick yellow liquid, free from visible extraneous matter and added modifying agents.	900 g/kg minimum	
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substitute:

Common Name: Quizalofop-P-tefuryl Chemical Name: (<i>RS</i>)-Oxolan-2-ylmethyl (<i>2R</i>)-2-[4-(6-chloroquinoxalin-2-yl)oxyphenoxy]propanoate CAS Number: 119738-06-6	The material must consist of quizalofop-P-tefuryl together with related manufacturing impurities and must be a thick yellow liquid, free from visible extraneous matter and modifying agents.	900 g/kg minimum	
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EXPOSURE DRAFT

Schedule 1 Amendments

46 Schedule (table)

After:

Common Name: Spinosad Chemical Name: mixture of 50–95% (2<i>R</i>,3<i>aS</i>,5<i>aR</i>,5<i>bS</i>,9<i>S</i>,13<i>S</i>,14<i>R</i>,16<i>aS</i>,16<i>bR</i>) -2-[(6-deoxy-2,3,4-tri-<i>O</i>-methyl-α-L-mannopyranosyl)oxy]-13-[[4-(dimethylamino)-2,3,4,6-tetra-deoxy-β-D-erythro-pyranosyl]oxy]-9-ethyl-2,3,3<i>a</i>,5<i>a</i>,5<i>b</i>,6,7,9,10,11,12,13,14,15,16<i>a</i>,16<i>b</i>-hexadecahydro-14-methyl-1<i>H</i>-<i>as</i>-indaceno[3,2-<i>d</i>]oxacyclododecine-7,15-dione and 50–5% (2<i>S</i>,3<i>aR</i>,5<i>aS</i>,5<i>bS</i>,9<i>S</i>,13<i>S</i>,14<i>R</i>,16<i>aS</i>,16<i>bS</i>) -2-[(6-deoxy-2,3,4-tri-<i>O</i>-methyl-α-L-mannopyranosyl)oxy]-13-[[4-(dimethylamino)-2,3,4,6-tetra-deoxy-β-D-erythro-pyranosyl]oxy]-9-ethyl-2,3,3<i>a</i>,5<i>a</i>,5<i>b</i>,6,7,9,10,11,12,13,14,15,16<i>a</i>,16<i>b</i>-hexadecahydro-4,14-dimethyl-1<i>H</i>-<i>as</i>-indaceno[3,2-<i>d</i>]oxacyclododecine-7,15-dione in the proportion 50-95% to 50-5%. CAS Number: Spinosyn A: 131929-60-7; Spinosyn D: 131929-63-0	The material shall consist of spinosad together with related manufacturing impurities and shall be light grey to white crystals, free from visible extraneous matter and added modifying agents.	Sum of spinosyn A content and spinosyn D content shall be 850 g/kg; the spinosyn A content shall be 425 g/kg minimum; the spinosyn D content shall be 425 g/kg maximum	
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insert:

Common Name: Spiromesifen Chemical Name: 2-Oxo-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-4-yl 3,3-dimethylbutanoate CAS Number: 283594-90-1	The material must consist of spiromesifen together with related manufacturing impurities and must be a light yellow powder with an odour characteristic of cheese, free from visible extraneous matter and modifying agents.	970 g/kg minimum	
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EXPOSURE DRAFT

Amendments **Schedule 1**

47 Schedule (table)

Omit:

Common Name: Tetramethrin Chemical Name: cyclohex-1-ene-1,2-dicarboximidomethyl (1 <i>RS</i> ,3 <i>RS</i> ;1 <i>RS</i> ,3 <i>SR</i>)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate CAS Number: 7696-12-0	Tetramethrin is a mixture of 4 stereoisomers [(1 <i>R</i>)- <i>trans</i>], [(1 <i>R</i>)- <i>cis</i>], [(1 <i>S</i>)- <i>trans</i>] and [(1 <i>S</i>)- <i>cis</i>] in the ratio of 4:1:4:1. The material shall consist of tetramethrin together with related manufacturing impurities and shall be colourless to light yellow-brown solid, free from visible extraneous matter and added modifying agents.	920 g/kg minimum	
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substitute:

Common Name: Tetramethrin Chemical Name: (1,3-dioxo-1,3,4,5,6,7-hexahydro-2 <i>H</i> -isoindol-2-yl)methyl (1 <i>RS</i> ,3 <i>RS</i> ;1 <i>RS</i> ,3 <i>SR</i>)- 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate CAS Number: 7696-12-0	Tetramethrin is a mixture of 4 stereoisomers [(1 <i>R</i>)- <i>trans</i>], [(1 <i>R</i>)- <i>cis</i>], [(1 <i>S</i>)- <i>trans</i>] and [(1 <i>S</i>)- <i>cis</i>]. The ratio of these stereoisomers must be 4:1:4:1 respectively. The material must consist of tetramethrin together with related manufacturing impurities and must be a colourless to light yellow-brown solid, free from visible extraneous matter and modifying agents.	920 g/kg minimum	
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48 Schedule (table)

Omit:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Tetramethrin [(1R)-isomers] Chemical Name: cyclohex-1-ene-1,2-dicarboximidomethyl (1 <i>RS</i> ,3 <i>RS</i> ;1 <i>RS</i> ,3 <i>SR</i>)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate CAS Number: 7696-12-0 (mixed stereoisomers); 51348-90-4 [(1R)-cis-isomer]; 1166-46-7 [(1R)-trans-isomer].	The material shall consist of tetramethrin [(1R)-isomers] together with related manufacturing impurities and shall be a yellow viscous liquid, free from visible extraneous matter and added modifying agents.	The sum of tetramethrin isomers shall be 920 g/kg minimum; the cis-trans isomers ratio is 20:80; a minimum of 95% of the total tetramethrin isomers shall be (1R)-isomers.	
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substitute:

Common Name: Tetramethrin [(1R)-isomers] Chemical Name: (1,3-Dioxo-1,3,4,5,6,7-hexahydro-2 <i>H</i> -isoindol-2-yl)methyl (1 <i>RS</i> ,3 <i>RS</i> ;1 <i>RS</i> ,3 <i>SR</i>)- 2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate (a minimum of 95% of the total tetramethrin isomers must be (1R)-isomers) CAS Number: 548460-64-6 (1 <i>R</i> isomers)	Tetramethrin [(1R)-isomers] is a mixture of <i>cis</i> and <i>trans</i> stereoisomers. The ratio of these stereoisomers must be 20:80 respectively. The material must consist of tetramethrin [(1R)-isomers] together with related manufacturing impurities and must be a yellow viscous liquid, free from visible extraneous matter and modifying agents.	920 g/kg minimum	
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49 Schedule (table)

Omit:

Common Name: Thiram Chemical Name: dimethyl (1,2-phenylenedicarbamothioyl)dicarbamate CAS Number: 137-26-8	The material shall consist of thiram, together with related manufacturing impurities, as a white to cream powder. It shall be free from visible extraneous materials and added modifying agents.	960 g/kg minimum	Water: 1.5% maximum
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EXPOSURE DRAFT

Amendments **Schedule 1**

substitute:

Common Name: Thiram Chemical Name: bis(Dimethylthiocarbamoyl) disulfide CAS Number: 137-26-8	The material must consist of thiram, together with related manufacturing impurities, as a white to cream powder and must be free from visible extraneous materials and modifying agents.	960 g/kg minimum	Water: 1.5% maximum
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50 Schedule (table)

Omit:

Common Name: Zinc borate (2ZnO.3B ₂ O ₃ .3.5H ₂ O) Chemical Name: trizinc diphosphide CAS Number: 1314-84-7	The material shall consist of zinc borate together with related impurities and shall be a white powder, free from visible extraneous matter and added modifying agents.	Component	Limit	Unbound water: maximum 5 g/kg Lead: maximum 5 mg/kg Mercury: maximum 0.5 mg/kg Cadmium: maximum 1 mg/kg Arsenic: maximum 1 mg/kg
		Zinc oxide (ZnO)	377–387 g/kg	
		Diboron trioxide (B ₂ O ₃)	475–489 g/kg	
		Water of hydration	135–150 g/kg	

substitute:

EXPOSURE DRAFT

Schedule 1 Amendments

Common Name: Zinc borate Chemical Name: Adduct of zinc oxide, diboron trioxide, and water (in a 4:6:7 molar ratio) ($2\text{ZnO} \cdot 3\text{B}_2\text{O}_3 \cdot 3.5\text{H}_2\text{O}$) CAS Number: 10361-94-1	The material must consist of zinc borate together with related impurities and must be a white powder, free from visible extraneous matter and modifying agents.	Compon ent	Limit	Unbound water: maximum 5 g/kg
		Zinc oxide (ZnO)	377–387 g/kg	Lead: maximum 5 mg/kg
		Diboron trioxide (B ₂ O ₃)	475–489 g/kg	Mercury: maximum 0.5 mg/kg
		Water of hydration	135–150 g/kg	Cadmium: maximum 1 mg/kg Arsenic: maximum 1 mg/kg

51 Schedule (table)

Omit:

EXPOSURE DRAFT

Amendments **Schedule 1**

Common Name: Zinc phosphide Chemical Name: Adduct of zinc oxide, diboron trioxide, and water (in a 4:6:7 molar ratio) CAS Number: 1314-84-7	The material shall consist of zinc phosphide together with related manufacturing impurities and shall be, free from visible extraneous matter and added modifying agents.	Content shall be declared and the measured content must be within the following ranges of the declared content: <table><tr><th>Declared content (g/kg)</th><th>Tolerance</th></tr><tr><td>Up to 25</td><td>±15%</td></tr><tr><td>Greater than 25, up to 100</td><td>±10%</td></tr><tr><td>Greater than 100, up to 250</td><td>±6%</td></tr><tr><td>Greater than 250, up to 500</td><td>±5%</td></tr><tr><td>Greater than 500</td><td>±25 g/kg or ±25 g/L</td></tr></table> The mixture usually contains 760 to 850 g/kg of zinc phosphide	Declared content (g/kg)	Tolerance	Up to 25	±15%	Greater than 25, up to 100	±10%	Greater than 100, up to 250	±6%	Greater than 250, up to 500	±5%	Greater than 500	±25 g/kg or ±25 g/L	Arsenic: 0.04 g/kg maximum, corresponding to maximum 0.1 g/kg in the phosphorous used in the production of metal phosphide.
Declared content (g/kg)	Tolerance														
Up to 25	±15%														
Greater than 25, up to 100	±10%														
Greater than 100, up to 250	±6%														
Greater than 250, up to 500	±5%														
Greater than 500	±25 g/kg or ±25 g/L														

substitute:

Common Name: Zinc phosphide (Zn₃P₂) Chemical Name: Trizinc diphosphide CAS Number: 1314-84-7	The material must consist of zinc phosphide together with related manufacturing impurities and must be free from visible extraneous matter and modifying agents.	760 g/kg	Arsenic: 0.04 g/kg maximum, corresponding to maximum 0.1 g/kg in the phosphorous used in the production of metal phosphide
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EXPOSURE DRAFT

Schedule 1 Amendments

52 Schedule (table)

Omit:

Common Name: Zineb Chemical Name: [[2- [[dithiocarboxy)amino]ethyl]carbamodi thioato(2-)-κS,κS']zinc CAS Number: 12122-67-7	The material shall consist of zineb together with related manufacturing impurities and shall be a pale-yellow powder, free from visible extraneous matter and added modifying agents other than the added stabilisers and manufacturing aids.	920 g/kg minimum	Ethylene thiourea: 3 g/kg maximum
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substitute:

Common Name: Zineb Chemical Name: [[2- [[Dithiocarboxy)amino]ethyl]carbamodi thioato(2-)-κS,κS']zinc CAS Number: 12122-67-7	The material must consist of zineb together with related manufacturing impurities and must be a pale yellow powder, free from visible extraneous matter and modifying agents other than stabilisers and manufacturing aids.	920 g/kg minimum (excluding any added stabilisers and manufacturing aids)	Ethylene thiourea: 3 g/kg maximum
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53 Schedule (table)

Omit every occurrence of “shall”, substitute “must”.

54 Schedule (table)

Omit every occurrence of “added modifying agents”, substitute “modifying agents”.