



Industrial Chemicals Environmental Management (Register) Amendment (2024 Measures No. 2) Instrument 2024

I, Rachel Burgess, delegate of the Minister for the Environment and Water, make the following instrument.

Dated 02 December 2024

Rachel Burgess
Branch Head
Chemicals and Atmosphere Branch
Department of Climate Change, Energy, the Environment and Water

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1 Name

This instrument is the *Industrial Chemicals Environmental Management (Register) Amendment (2024 Measures No. 2) Instrument 2024*.

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Note: This table relates only to the provisions of this instrument as originally made.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 subsection 22(1) of the *Industrial Chemicals Environmental Management (Register) Act 2021*.

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Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.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

Industrial Chemicals Environmental Management (Register) Instrument 2022

1 Section 4

Insert:

Polychlorinated Biphenyls Management Plan means the Polychlorinated Biphenyls Management Plan published by the Australian and New Zealand Environment and Conservation Council in November 1996, as existing from time to time.

2 Schedule 3 (at the end of the table)

Add:

Chemical class name: Lauryl (dodecyl) sulfates

CAS numbers: 151-41-7, 151-21-3, 2235-54-3, 3097-08-3, 4706-78-9

This chemical class includes the following substances: lauryl sulfate, sodium lauryl sulfate, ammonium lauryl sulfate, magnesium lauryl sulfate, and potassium lauryl sulfate.

- (a) personal care products;
- (b) paint and coating products;
- (c) plastic and polymer products;
- (d) automotive care products;
- (e) cleaning and furniture care products;
- (f) laundry and dishwashing products;
- (g) extractive products.

- (a) This entry comes into effect on 1 July 2025.
- (b) The chemical (whether on its own or in mixtures) must be managed according to the IChEMS Minimum Standards.

Chemical class name: Linear alkylbenzene sulfonates

CAS numbers: 27176-87-0, 121-65-3, 1322-98-1, 1331-61-9, 2211-98-5, 12068-08-5, 14356-38-8, 25155-30-0, 22967-67-5, 26264-06-2, 26836-07-7, 27177-77-1, 27479-45-4, 29061-63-0, 58089-99-9, 68081-81-2, 63428-97-7, 67952-66-3, 68411-30-3, 68442-72-8, 68584-22-5, 68584-23-6, 68584-27-0, 68910-31-6, 68910-32-7, 69669-44-9, 85480-54-2, 85480-55-3, 85480-57-5, 85536-14-7, 85995-82-0, 85995-83-1, 90194-26-6, 90194-29-9, 90194-30-2, 91696-66-1, 97467-80-6, 103818-94-6, 127184-52-5

This class of chemicals include salts of alkylbenzene sulfonic acid where the alkyl chain is linear with a length between 10 and 16 carbon atoms.

- (a) laundry and dishwashing products;
- (b) cleaning and furniture care products;
- (c) automotive care products;
- (d) plastic and polymer products.

- (a) This entry comes into effect on 1 July 2025.
- (b) The chemical (whether on its own or in mixtures) must be managed according to the IChEMS Minimum Standards.

3 Schedule 7 (before table item dealing with the relevant industrial chemical with the Chemical name 1,3-Butadiene, 1,1,2,3,4,4-hexachloro CAS number: 87-68-3)

Insert:

Chemical class name: 1,1'-Biphenyl, chloro derivatives (Polychlorinated biphenyls, PCBs)

CAS number: 1336-36-3 (PCB unspecified congeners). All commercial mixtures and 209 congeners are included in the definition.

- (a) This entry comes into effect on 1 July 2025.
- (b) The manufacture of the class of chemicals is prohibited except:
 - (i) in dyes and pigments where the class of chemicals is present as unintentional trace contamination at a level equal to or below 50 mg/kg as the sum of all congeners (to be reviewed by the department after 1 July 2028); or
 - (ii) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
 - (iii) for research or laboratory purposes.
- (c) The import and export of the class of chemicals (whether on its own or in mixtures or in articles) is prohibited except:
 - (i) in dyes and pigments where the class of chemicals is present as unintentional trace contamination at a level equal to or below 50 mg/kg

as the sum of all congeners (to be reviewed by the department after 1 July 2028); or

- (ii) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
- (iii) for research or laboratory purposes; or
- (iv) if a hazardous waste permit authorises the import or export of the class of chemicals.

(d) The use of the class of chemical (whether on its own or in mixtures or in articles) is prohibited except:

- (i) in dyes and pigments where the class of chemicals is present as unintentional trace contamination at a level equal to or below 50 mg/kg as the sum of all congeners (to be reviewed by the department after 1 July 2028); or
- (ii) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
- (iii) for research or laboratory purposes; or

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- (iv) for the purposes of environmentally sound disposal; or
 - (v) in circumstances in which articles containing the class of chemicals at a concentration less than 50 mg/kg (as the sum of all congeners), that are already in use on or before 1 July 2025.
- (e) The import, export and manufacture of the class of chemicals (whether on its own or in mixtures or in articles) must adhere to applicable laws of the Commonwealth for the control of industrial chemicals.
 - (f) The use of the class of chemicals (whether on its own or in mixtures or in articles) must adhere to:
 - (i) the specifications for management, transportation, storage, treatment and disposal in accordance with the Polychlorinated Biphenyls Management Plan; and
 - (ii) applicable laws of the Commonwealth or of the relevant State for the control of industrial chemicals.
 - (g) Producers and holders of waste must undertake all reasonably practicable measures to avoid contamination of waste not already containing the class of chemicals with these substances; and must not dilute waste containing the

chemical to lower the concentration below relevant waste handling and disposal thresholds.

- (h) Waste consisting of, containing or contaminated with the class of chemicals at a concentration that is equal to, or greater than 50 mg/kg, must not go to landfill and must be either:
 - (i) treated in such a way as to ensure that the chemical is destroyed or irreversibly transformed so that the remaining waste and environmental releases do not contain chemicals that exhibit Schedule 6 or Schedule 7 risk characteristics; or
 - (ii) managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State, where treatment in accordance with subparagraph (i) is not the environmentally preferable option.
- (i) Waste consisting of, containing or contaminated with the class of chemicals at a concentration less than 50 mg/kg must be managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State.
- (j) Disposal must not lead to recovery, recycling, reclamation or re-use of the

class of chemicals, subject to paragraph (k).

- (k) In carrying out disposal, the class of chemicals may be isolated from the waste, provided that it is subsequently disposed of in accordance with paragraphs (h) and (i).
- (l) If an activity in relation to the class of chemicals (whether on its own or in mixtures or in articles), is not permitted under paragraph (b), (c), or (d) a holder of a stockpile of the chemical must:
 - (i) notify the relevant agency responsible for environmental protection of the nature and size of the stockpile; and
 - (ii) manage that stockpile as waste in accordance with paragraphs (h) and (i); and
 - (iii) comply with all relevant laws that apply in the relevant jurisdiction.
- (m) The chemical (whether on its own or in mixtures or articles) must be managed according to the IChEMS Minimum Standards.

4 Schedule 7 (table item dealing with the relevant industrial chemical with the Chemical name: Benzene, 1,2,3,4,5-pentachloro- CAS number: 608-93-5, column 3, after subparagraph (c)(ii))

Add:

; or (iii) for research and laboratory purposes.

5 Schedule 7 (table item dealing with the relevant industrial chemical with the Chemical name: Benzene, 1,2,3,4,5-pentachloro- CAS number: 608-93-5, column 3, paragraph (e)(ii))

Omit “stored”, substitute “managed”.

6 Schedule 7 (after table item dealing with the relevant industrial chemical with the Chemical name: Hexabromocyclododecane, meaning 1,2,5,6,9,10-hexabromocyclododecane and including its main diastereoisomers: alpha-hexabromocyclododecane; beta-hexabromocyclododecane; gamma-hexabromocyclododecane CAS numbers: 25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7 and 134237-52-8)

Insert:

Chemical name: Benzene, hexachloro-
(Hexachlorobenzene)

CAS number: 118-74-1

- (a) This entry comes into effect on 1 July 2025.
- (b) The manufacture of the chemical is prohibited except for:
 - (i) in circumstances where the chemical is present as unintentional trace contamination at a level equal to or below 10 mg/kg; or
 - (ii) research or laboratory purposes.
- (c) The import and export of the chemical (whether on its own or in mixtures or in articles) is prohibited except:

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- (i) in circumstances where the chemical is present as unintentional trace contamination at a level equal to or below 10 mg/kg; or
 - (ii) for research or laboratory purposes; or
 - (iii) if a hazardous waste permit authorises the import or export of the chemical.
 - (d) The use of the chemical (whether on its own or in mixtures or in articles) is prohibited except:
 - (i) in circumstances where the chemical is present as unintentional trace contamination at a level equal to or below 10 mg/kg; or
 - (ii) for research or laboratory purposes; or
 - (iii) for the purposes of environmentally sound disposal; or
 - (iv) in circumstances in which the article is already in use on or before 1 July 2025.
 - (e) The import, export and manufacture of the chemical (whether on its own or in mixtures or in articles) must adhere to applicable laws of the Commonwealth for the control of industrial chemicals.
 - (f) The use of the chemical (whether on its own or in mixtures or in articles) must adhere to applicable laws of the

Commonwealth or the relevant State for the control of industrial chemicals.

- (g) Producers and holders of waste must undertake all reasonably practicable measures to avoid contamination of waste not already containing the chemical; and must not dilute waste containing the chemical to lower the concentration below relevant waste handling and disposal thresholds.
- (h) Waste consisting of, containing or contaminated with the chemical at a concentration that is equal to, or greater than 50 mg/kg must be either:
 - (i) treated in such a way as to ensure that the chemical is destroyed or irreversibly transformed so that the remaining waste and environmental releases do not contain chemicals that exhibit Schedule 6 or Schedule 7 risk characteristics; or
 - (ii) managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State, where treatment in accordance with subparagraph (i) is not the environmentally preferable option.
- (i) Waste consisting of, containing or contaminated with the chemical at a concentration that is less than 50 mg/kg must be managed or disposed of in an

environmentally sound manner as authorised under a law of the Commonwealth or a law of a State.

- (j) Disposal must not lead to recovery, recycling, reclamation or re-use of the chemical, subject to paragraph (k).
- (k) In carrying out disposal, the chemical may be isolated from the waste, provided that it is subsequently disposed of in accordance with paragraphs (h) and (i).
- (l) If an activity in relation to the chemical (whether on its own or in mixtures or in articles) is not permitted under paragraph (b), (c) or (d), a holder of a stockpile of the chemical must:
 - (i) notify the relevant agency responsible for environmental protection of the nature and size of the stockpile; and
 - (ii) manage that stockpile as waste in accordance with paragraphs (h) and (i); and
 - (iii) comply with all relevant laws that apply in the relevant jurisdiction.
- (m) The chemical (whether on its own or in mixtures or articles) must be managed according to the IChEMS Minimum Standards.

7 Schedule 7 (table item dealing with the relevant industrial chemical with the Class name: Perfluorooctanesulfonic acid (PFOS), including any of its branched isomers, its salts, perfluorooctanesulfonyl fluoride, and any substance containing a linear or branched perfluorooctanesulfonyl moiety and capable of degrading to PFOS (linear or branched)., column 3, paragraph (c)(i))

Omit “in the article”.

8 Schedule 7 (table item dealing with the relevant industrial chemical with the Class name: Perfluorooctanoic acid (PFOA), including any of its branched isomers, its salts and any related compound that contains a linear or branched perfluoroheptyl (C₇H₁₅C) group and which can degrade to linear or branched PFOA. Notwithstanding the above, the following are not PFOA related compounds: (a) C₈F₁₇-X, where X = F, Cl, Br; (b) fluoropolymers that are covered by CF₃ [CF₂]_n-R', where R'=any group, n >16; (c) perfluoroalkyl carboxylic acids and their derivatives with ≥ 8 perfluorinated carbons; (d) perfluoroalkane sulfonic acids and perfluoro phosphonic acids and their derivatives with ≥ 9 perfluorinated carbons; (e) perfluorooctane sulfonic acid and its derivatives (PFOS), as listed in this register.)

Repeal the item, substitute:

Class name:

Perfluorooctanoic acid (PFOA), including any of its branched isomers, its salts and any related compound that contains a linear or branched perfluoroheptyl (C₇F₁₅C) group and which can degrade to linear or branched PFOA.

Notwithstanding the above, the following are not PFOA-related compounds:

- (a) C₈F₁₇-X, where X = F, Cl, Br;
- (b) fluoropolymers that are covered by CF₃ [CF₂]_n-R', where R'=any group, n >16;
- (c) perfluoroalkyl carboxylic acids and their derivatives with ≥ 8 perfluorinated carbons;

(a) This entry comes into effect on 1 July 2025.

(b) The import, export and manufacture of the chemical (whether on its own or in mixtures or in articles) are prohibited except:

(i) in circumstances where the chemical is present as unintentional trace contamination at the following levels (to be reviewed by the department by 1 July 2027):

(A) a level equal to or below 0.025 mg/kg for PFOA and its salts; or

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- (d) perfluoroalkane sulfonic acids and perfluoro phosphonic acids and their derivatives with ≥ 9 perfluorinated carbons;
 - (e) perfluorooctane sulfonic acid and its derivatives (PFOS), as listed in this register.

- (B) a level equal to or below 1 mg/kg for any individual PFOA-related compound or a combination of PFOA-related compounds; or
 - (C) a level equal to or below 0.8 mg/kg for PFOA and its salts present in fire-fighting foam for liquid fuel vapour suppression and liquid fuel fire (Class B fires) when already installed in systems, including both mobile and fixed systems; or
 - (ii) for research or laboratory purposes; or
 - (iii) if a hazardous waste permit authorises the import or export of the chemical.
- (c) The use of the chemical (whether on its own or in mixtures or in articles), is prohibited except:
- (i) in circumstances where the chemical is present as unintentional trace contamination at the following levels (to be reviewed by the department by 1 July 2027):
 - (A) a level equal to or below 0.025 mg/kg for PFOA and its salts; or
 - (B) a level equal to or below 1 mg/kg for any individual PFOA-related compound or a

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- combination of PFOA-related compounds; or
- (C) a level equal to or below 0.8 mg/kg for PFOA and its salts present in fire-fighting foam for liquid fuel vapour suppression and liquid fuel fire (Class B fires) when already installed in systems, including both mobile and fixed systems; or
- (ii) for research or laboratory purposes; or
- (iii) in circumstances in which the article is already in use on or before 1 July 2025.
- (d) Producers and holders of waste must undertake all reasonably practicable measures to avoid contamination of non-PFOA waste with this chemical and must not dilute PFOA waste to lower the PFOA concentration below relevant waste handling and disposal thresholds.
- (e) Waste consisting of, containing or contaminated by the chemical at a concentration that is equal to, or greater than, 1 mg/kg for PFOA and its salts or 40 mg/kg for the sum of PFOA-related compounds must be either:
- (i) treated in such a way as to ensure that the chemical is destroyed or irreversibly transformed so that the remaining waste and

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- environmental releases do not contain chemicals that exhibit Schedule 6 or Schedule 7 risk characteristics, or
- (ii) managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State, where treatment in accordance with subparagraph (i) is not the environmentally preferable option.
- (f) Waste containing or contaminated by the chemical at a concentration of less than 1 mg/kg for PFOA and its salts or 40 mg/kg for the sum of PFOA-related compounds must be managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State.
 - (g) Disposal of waste must not lead to recovery, recycling, reclamation or re-use of the chemical, subject to paragraph (h).
 - (h) In carrying out disposal, the chemical may be isolated from the waste, provided that the chemical is subsequently disposed of in accordance with paragraphs (e) and (f).
 - (i) If an activity in relation to the chemical, or an article containing the chemical, is not permitted under paragraph (b) or

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- (c), a holder of a stockpile of the chemical must:
 - (i) notify the relevant agency responsible for environmental protection of the nature and size of the stockpile; and
 - (ii) manage that stockpile as waste in accordance with paragraphs (e) and (f); and
 - (iii) comply with all relevant laws that apply in the relevant jurisdiction.
 - (j) The IChEMS Minimum Standards must be complied with.

9 Schedule 7 (after table item dealing with the relevant industrial chemical with the Class name: Polychlorinated naphthalenes, including dechlorinated naphthalenes, trichlorinated naphthalenes, hexachlorinated naphthalenes, heptachlorinated naphthalenes, octachlorinated naphthalene and any combination of those chemicals.)

Insert:

Chemical class name: Polychlorinated terphenyls (PCTs)

CAS number: 61788-33-8 (PCT unspecified congeners). All commercial mixtures and congeners are included in the definition.

- (a) This entry comes into effect on 1 July 2025.
- (b) The manufacture of the class of chemicals is prohibited except:
 - (i) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
 - (ii) for research or laboratory purposes.

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- (c) The import and export of the class of chemicals (whether on its own or in mixtures or in articles) is prohibited except:
- (i) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
 - (ii) for research or laboratory purposes; or
 - (iii) if a hazardous waste permit authorises the import or export of the class of chemicals.
- (d) The use of the class of chemicals (whether on its own or in mixtures or in articles) is prohibited except:
- (i) in circumstances where the class of chemicals is present as unintentional trace contamination at a level equal to or below 2 mg/kg as the sum of all congeners; or
 - (ii) for research or laboratory purposes; or
 - (iii) for the purposes of environmentally sound disposal; or
 - (iv) in circumstances in which the article is already in use on or before 1 July 2025.
- (e) The import, export and manufacture of the class of chemicals (whether on its own or in mixtures or in articles) must

adhere to applicable laws of the Commonwealth for the control of industrial chemicals.

- (f) The use of the class of chemicals (whether on its own or in mixtures or in articles) must adhere to applicable laws of the Commonwealth or of the relevant State for the control of industrial chemicals.
- (g) Producers and holders of waste must undertake all reasonably practicable measures to avoid contamination of waste not already containing the class of chemicals with these substances; and must not dilute waste containing the chemical to lower the concentration below relevant waste handling and disposal thresholds.
- (h) Waste consisting of, containing or contaminated with the class of chemicals at a concentration that is equal to, or greater than 50 mg/kg must be either:
 - (i) treated in such a way as to ensure that the chemical is destroyed or irreversibly transformed so that the remaining waste and environmental releases do not contain chemicals that exhibit Schedule 6 or Schedule 7 risk characteristics; or
 - (ii) managed or disposed of in an environmentally sound manner as authorised under a law of the

Commonwealth or a law of a State, where treatment in accordance with subparagraph (i) is not the environmentally preferable option.

- (i) Waste consisting of, containing or contaminated with the class of chemicals at a concentration less than 50 mg/kg must be managed or disposed of in an environmentally sound manner as authorised under a law of the Commonwealth or a law of a State.
- (j) Disposal must not lead to recovery, recycling, reclamation or re-use of the class of chemicals, subject to paragraph (k).
- (k) In carrying out disposal, the class of chemicals may be isolated from the waste, provided that it is subsequently disposed of in accordance with paragraphs (h) and (i).
- (l) If an activity in relation to the class of chemicals (whether on its own or in mixtures or in articles), is not permitted under paragraph (b), (c) or (d), a holder of a stockpile of the chemical must:
 - (i) notify the relevant agency responsible for environmental protection of the nature and size of the stockpile; and
 - (ii) manage that stockpile as waste in accordance with paragraphs (h) and (i); and

(iii) comply with all relevant laws that apply in the relevant jurisdiction.

(m) The chemical (whether on its own or in mixtures or articles) must be managed according to the IChEMS Minimum Standards.

10 Schedule 7 (table item dealing with the relevant industrial chemical with the Class name: Short chain chlorinated paraffins (alkanes, C10-13, chloro), which are straight chain chlorinated alkanes with chain lengths ranges from C10 to C13 and a chlorine content of greater than 48% by weight. CAS numbers: 85535-84-8. In addition, the chemical substances with the following CAS numbers will contain a proportion of short chain chlorinated paraffins: 68920-70-7, 71011-12-6, 85536-22-7, 85681-73-8, 108171-26-2, column 1)

Omit “ranges”, substitute “ranging”.