



Consumer Products

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Australia will restrict more POPs substances

On December 12, 2023, Australia published the Industrial Chemicals Environmental Management (Register) Amendment (2023 Measures No. 1) Instrument, to add industrial chemicals to Schedule 6 and Schedule 7 of the Environmental Management (Register) Document No. 2022.

Industrial Chemicals Environmental Management Standard (IChEMS) is the national method for managing the introduction, use, and disposal of chemicals in Australia, which categorizes and manages chemicals based on their environmental risks in the IChEMS registry. The IChEMS register includes 7 Schedules, of which Schedule 6 and Schedule 7 are the most concerned industrial chemical, Schedule 6 is relevant industrial chemicals that are likely to cause serious or irreversible harm to the environment with essential uses, and Schedule 7 is relevant industrial chemicals that are likely to cause serious or irreversible harm to the environment with no essential uses.

The requirements for substances restricted in Schedule 6 of the Industrial Chemicals Environmental Management Standard (IChEMS) Register are as follows:

Substance	Restrict requirements	Effective date
decaBDE and nonaBDE CAS No: 1163-19-5 63936-56-1 63387-28-0 437701-79-6 437701-78-5	Substances: Each $\leq 10\text{mg/kg}$; Electrical and electronic equipment: PBDEs in homogeneous materials $\leq 1000\text{mg/kg}$; Other articles: sum of all tetra-, penta-, hexa-, hepta-, octa-, nona- and decaBDE congeners $\leq 500\text{mg/kg}$.	July 1, 2025

The requirements for substances restricted in Schedule 7 of the Industrial Chemicals Environmental Management Standard (IChEMS) Register are as follows:

Substance	Restrict requirements	Effective date
1,3- Butadiene,1,1,2,3,4,4- hexachloro- CAS No: 87-68-3	Prohibited	July 1, 2023
Benzene, 1,2,3,4,5-pentachloro- CAS No: 608-93-5	Prohibited	July 1, 2024
Hexabromobiphenyl	Prohibited	July 1, 2023
Hexabromocyclododecane CAS No: 25637-99-4 3194-55-6 134237-50-6	$\leq 100\text{mg/kg}$	July 1, 2024





134237-51-7 134237-52-8		
Octabromodiphenyl ether, heptabromodiphenyl and hexabromodiphenyl ether CAS No: 32536-52-0 68928-80-3 36483-60-0	Substances: Each $\leq 10\text{mg/kg}$; Electrical and electronic equipment: PBDEs in homogeneous materials $\leq 1000\text{mg/kg}$; Other articles: sum of all tetra-, penta-, hexa-, hepta-, octa-, nona- and decaBDE congeners $\leq 500\text{mg/kg}$.	July 1, 2024
Pentabromodiphenyl ether and tetrabromodiphenyl ether CAS No: 40088-47-9 32534-81-9	Substances: Each $\leq 10\text{mg/kg}$; Electrical and electronic equipment: PBDEs in homogeneous materials $\leq 1000\text{mg/kg}$; Other articles: sum of all tetra-, penta-, hexa-, hepta-, octa-, nona- and decaBDE congeners $\leq 500\text{mg/kg}$.	July 1, 2024
Perfluorohexane sulfonic acid (PFHxS), including its linear and branched isomers, their salts and any related substance	PFHxS and its salts $\leq 0.025\text{mg/kg}$; PFHxS-related compounds $\leq 1\text{mg/kg}$; PFHxS and its salts present in fire-fighting foam for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems, including both mobile and fixed systems) $\leq 0.1\text{mg/kg}$.	July 1, 2025
Perfluorooctane sulfonic acid (PFOS), including any of its branched isomers, its salts and related substances	PFOS and its salts $\leq 0.025\text{mg/kg}$; PFOS-related compounds $\leq 1\text{mg/kg}$; PFOS and its salts present in fire-fighting foam for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems, including both mobile and fixed systems) $\leq 0.8\text{mg/kg}$.	July 1, 2025
Perfluorooctanoic acid (PFOA), including any of its branched isomers, its salts and any related compound	PFOA and its salts $\leq 0.025\text{mg/kg}$; PFOA-related compounds $\leq 1\text{mg/kg}$; PFOA and its salts present in fire-fighting foam for liquid fuel vapour suppression and liquid fuel fire (Class B fires) already installed in systems, including both mobile and fixed systems) $\leq 0.8\text{mg/kg}$.	July 1, 2025
Polychlorinated naphthalenes	Prohibited	July 1, 2023
Short chain chlorinated paraffins CAS No: 85535-84-8 68920-70-7 71011-12-6 85536-22-7 85681-73-8 108171-26-2	Substances: $\leq 1\%$; Articles: $\leq 0.15\%$.	July 1, 2024

Original link: <https://www.legislation.gov.au/F2023L01689/latest/text>

