



Consumer products

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EU releases POPs revision draft to adjust PBDEs and PCB limits

On February 18, 2025, the European Union issued a draft amendment to the POPs Regulation (EU) 2019/1021, proposing to adjust the limits of PBDEs (polybrominated diphenyl ethers) and PCBs (polychlorinated biphenyls). The draft was open to public comments from February 18, 2025 to March 18, 2025, and stakeholders can provide feedback within this period.

The revision of polybrominated diphenyl ethers (including tetrabromodiphenyl ether, pentabromodiphenyl ether, hexabromodiphenyl ether, heptabromodiphenyl ether and decabromodiphenyl ether) is reflected in the change of the content of "point 2 of the fourth column of the table in part A of Annex I", while the revision of polychlorinated biphenyls is the addition of some content to the "fourth column of the table in part A of Annex I". The differences between the draft revision of polybrominated diphenyl ethers and polychlorinated biphenyls and the current regulations are as follows:

SUBSTANCE	Current requirements	Draft
Tetrabromodiphenyl ether, Pentabromodiphenyl ether, Hexabromodiphenyl ether, Heptabromodiphenyl ether, Decabromodiphenyl ether	2. For the purposes of the entries on tetra-, penta-, hexa-, hepta- and decaBDE, point (b) of Article 4(1) shall apply to the sum of the concentration of those substances up to 500 mg/kg where they are present in mixtures or articles, subject to review and assessment by the Commission by 16 July 2021. This review shall assess, inter alia, all relevant impacts with regard to health and the environment.	2. ' For the purposes of the entries on tetra-, penta-, hexa-, hepta- and decaBDE, point (b) of Article 4(1) shall apply to the following sum of the concentrations of those substances: a. 10 mg/kg upon entry into force of this Regulation where they are present in mixtures or articles, except for food contact materials subject to Regulation (EC) No 1935/2004; b. by way of derogation from point (a), 500 mg/kg upon entry into force of this Regulation, 350 mg/kg as of 30 December 2025 and 200 mg/kg as of 30 December 2027 where they are present in mixtures or articles containing or made of recovered material containing tetra-, penta-, hexa-, hepta- or decaBDE, except for food contact materials subject to Regulation (EC) No 1935/2004; c. by way of derogation from point (a), 500 mg/kg upon entry into force of this Regulation, 350 mg/kg as of 30 December 2025 and 10 mg/kg [OP please insert date: 18





		months after entry into force], where they are present in toys subject to Directive 2009/48/EC, or in any product facilitating children's seating, sleep, relaxation, hygiene, changing and general body care, feeding, sucking, transportation and protection, containing or made of recovered material containing tetra-, penta-, hexa-, hepta- or decaBDE, except for food contact materials subject to Regulation (EC) No 1935/2004'.
Polychlorinated Biphenyls (PCB)	Without prejudice to Directive 96/59/EC, articles already in use at the time of the entry into force of this Regulation are allowed to be used. Member States shall identify and remove from use equipment (e.g. transformers, capacitors or other receptacles containing liquid stocks) containing more than 0,005 % PCBs and volumes greater than 0,05 dm ³ , as soon as possible but no later than 31 December 2025.	'For the purposes of this entry, Article 4(1), point (b), shall apply to the sum of concentrations of PCB equal to or below 0,2 mg/kg (0,00002% by weight) where they are present in substances, mixtures or articles. For organic pigments and organic dyes, as determined through analytical methods conforming to ISO 787 - 28/2019 or proven to have equivalent or similar accuracy and performance to ISO 787 - 28/2019, and for mixtures and articles containing organic pigments or organic dyes, Article 4(1), point (b), shall apply to the sum of concentrations of PCB, - equal to or below 25 mg/kg (0,0025 % by weight) upon entry into force of this Regulation; - equal to or below 10 mg/kg (0,001 % by weight) after [OP please insert date: three years after entry into force].'

Original link: https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives_en

HCT SOLUTION:

The EU's plan to reduce the limit means that the EU will further strengthen its control over these hazardous substances, reflecting the EU's strict requirements in the fields of environmental protection and public health. Water Inspection Group Rainbow Testing Technology Co., Ltd. has been tracking and interpreting the latest international and domestic regulatory trends for a long time. It has many top instruments and equipment, a professional and efficient operation team and rich inspection and testing experience. It can develop personalized solutions for customers and help companies respond calmly.

