

※ Attachment 5. Requirements and exceptions for each of the five PBTs substances of TSCA

Table1. Requirements and exceptions for each of the five PBTs substances of TSCA

No	substances	Requirements
1	Decabromodiphenyl ether (DecaBDE) (1163-19-5)	1) Production and processing of products containing deca BDE and deca BDE is prohibited after March 8, 2021. Prohibition of distribution of products containing deca BDE and deca BDE after January 6, 2022 2) Phase-in prohibition of products containing deca BDE and deca BDE for specific purposes i) Production, processing and distribution of deca BDE used for curtains in the field of sociality is prohibited after July 6, 2022. ii) Prohibition of production, processing and distribution of deca BDEs used on insulated cables and wires used in nuclear installations and Insulation cable and wire products containing deca BDE after 6 January 2023 iii) Prohibition of production, processing or distribution of deca BDE used on new aerospace vehicles and their parts after 8 January 2024. Prohibition of Import, processing of deca BDE for aerospace vehicles manufactured before January 7, 2024, after the end of the aerospace service period. Prohibition of manufacturing, processing and distribution of deca BDE for replacement parts and their additions after the service period of aerospace vehicles has been established. iv) Prohibition production, processing and distribution of deca BDE for adding deca BDE to replacement parts of the vehicle and used for replacement parts of the motor vehicle at the end of its life or 2036 or the earliest of both v) After the end of pallet life, plastic shipping pallet containing deca BDE and manufactured before March 8, 2021 3) Exceptions Processing and distribution of products containing deca BDE with recycled plastic without adding deca BDE to the recycling or production process, and processing and distribution of plastic containing deca BDE for recycling
2	Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (68937-41-7)	From February 5, 2021, Processing or distribution of products containing PIP (3:1) and PIP (3:1) is prohibited. Production, processing, and distribution processes are prohibited from releasing PIP (3:1) into water quality, and users must implement the best measures to prevent the release of water. However, in the following cases, PIP (3:1) prohibition of processing and distribution is excluded 1) Processing and distribution of hydraulic fluids that meet the requirements of the Ministry of National Defense and meet the military requirements for safety and performance in the aviation industry. 2) Processing and distribution of lubricants and greases 3) Processing and distribution of new and replacement parts in aerospace and automotive industries and PIP (3:1) distribution added to these components. 4) Processing and distribution of sealant and adhesive applications is allowed until January 6, 2025. 5) Processing and distribution of cyanoacrylate adhesives for intermediate use 6) Processing and distribution of special engine air filter applications for locomotives and marine applications 7) Processing and distribution of plastics containing recycled PIP (3:1) but not newly added PIP (3:1) to the recycling process. 8) Processing and distribution of products manufactured for recycling or recycled plastic containing PIP (3:1) is not added to the recycling process. 9) Processing and distribution of PIP (3:1) for photographic print applications and processing and distribution of printed materials containing PIP (3:1) is allowed until January 1, 2022.
3	2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) (732-26-3)	From January 6, 2026, to prohibit the use of 2,4,6-TTBP as a fuel additive or fuel filler, prohibition of distribution of products containing 2,4,6-TTBP in containers weighing less than 35 gallon containing more than 0.3% by weight and 2,4,6-TTBP (vehicle repair shop, etc.) From January 6, 2026, prohibition of distribution of products used as a 2,4,6-TTBP oil or lubricant additive of more than 0.3 wt% regardless of container size.
4	Hexachlorobutadiene (HCBD) (87-68-3)	From February 5, 2021, prohibition of manufacturing, import, processing or distribution of HCBD and HCBD-containing products. However, HCBD is unintentionally generated as a by-product during the production process of chlorinated solvents and

		processing and distribution HCBd for combustion of waste fuel are excluded.
5	Pentachlorothiophenol (PCTP) (133-49-3)	Production, import and processing of PCTP and PCTP-containing products are prohibited after March 8, 2021 (except for products with less than 1 wt% PCTP). Distribution of products containing PCTP and PCTP are prohibited after January 6, 2022 (except for products with less than 1 wt% PCTP)