



Consumer products

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Canada adds DBDPE and DP to the List of Toxic Substances

Recently, Canada published the toxic substances update regulation SOR/2025-27 in its official gazette, which included decabromodiphenyl ethane (DBDPE) and Dechlorane Plus (DP) in Part 2 of the List of Toxic Substances of Schedule 1 to the Canadian Environmental Protection Act. At the same time, the Canadian government has again proposed to amend the Prohibition of Certain Toxic Substances Regulations 2012 to prohibit DBDPE and DP and products containing these substances from circulating in the Canadian market.

As early as May 14, 2022, Canada published the draft of the "Canada Prohibition of Certain Toxic Substances Regulations 2022" in its official gazette, which added Dechlorane Plus and decabromodiphenyl ethane. After the draft is passed, it will repeal and replace the "Canada Prohibition of Certain Toxic Substances Regulations 2012".

DBDPE and DP are both synthetic chemicals, mainly used as flame retardants:

- DBDPE has been used as a flame retardant since the early 1990s and is one of the alternative flame retardants to decabromodiphenyl ether (DecaBDE), which was restricted in China in 2016. DBDPE is also used in various applications such as plastic and rubber materials, electrical and electronic equipment, automobiles, aircraft and other transportation applications, and adhesives and sealants. It is also used in basic organic chemical manufacturing.
- DP has been in production for at least 40 years and is also considered an alternative to decabromodiphenyl ether (DecaBDE), although it is not produced in Canada. In Canada, DP is used as a flame retardant in many applications, which may include wire and cable jacketing, electrical and electronic equipment parts, automotive parts, aircraft and other transportation-related parts, rigid plastic connectors and plastic roofing materials.

Original link: <https://gazette.gc.ca/rp-pr/p2/2025/2025-02-26/html/sor-dors27-eng.html>

HCT SOLUTION:

After Canada included DBDPE and DP in the List of Toxic Substances in the Canadian Environmental Protection Act, subsequent products containing DBDPE and DP will face stricter supervision and compliance requirements when exported to Canada. If they do not meet the regulations, the products may be refused entry or face high fines, affecting the company's market access and product sales. HCT hereby reminds companies, especially manufacturers and suppliers of products exported to Canada, to promptly understand and master the new information requirements, strengthen raw material and product quality control, find safer alternatives, ensure product safety, and reduce unnecessary trade losses.

