



Consumer product

HCT-2015-04-01

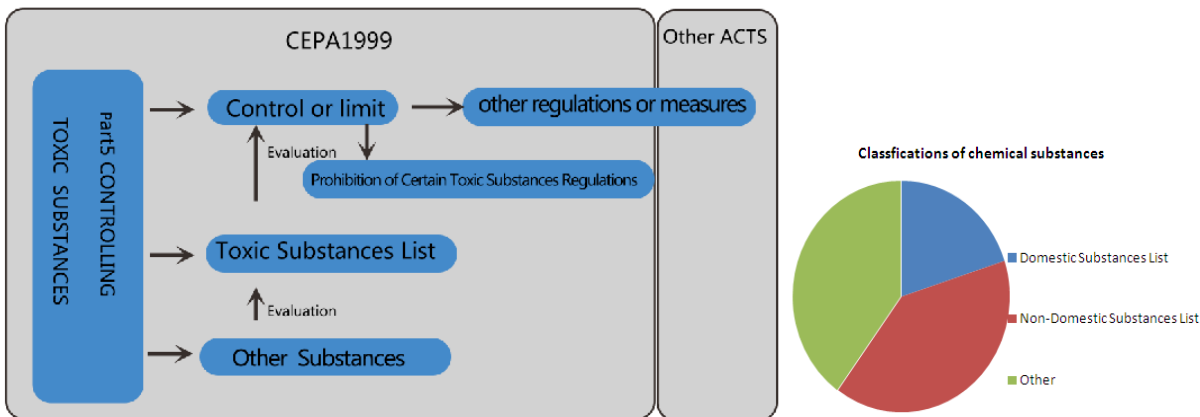
Canada proposes ban on brominated flame retardants and perfluorochemicals

In daily life we may contact thousands of products, from medicine to computer, from textile to fuel etc. Products may contain more or less of chemical substances in the producing procedure. And some of the chemical substances, when in a certain amount or concentration, may have negative effect on human health or the environment when they are released in a certain condition.

April 4, 2015, Canada published "Regulations Amending the Prohibition of Certain Toxic Substances Regulations, 2012" on the Official Publications, proposed to add five toxic substances into the restriction of the regulation, with these five substances added into the restriction list, the regulation has controlled 27 toxic substances. These Regulations come into force on the day that is three months after the day on which they are registered. The newly added substances are: hexabromocyclododecane (HBCD); perfluorooctanoic acid, its salts, and its precursors (collectively referred to as PFOA); long-chain perfluorocarboxylic acids, their salts, and their precursors (collectively referred to as LC-PFCAs); polybrominated diphenyl ethers (PBDEs); and perfluorooctane sulfonate (PFOS).

Canada chemical substances requirements

Except this admendment, enterprises that export their products to Canada should comply with the CEPA 1999, which requires that for the substances that are not listed in the DSL, enterprises should provide declaration when producing or before import (Substances listed on NDSL could exempt some information). CEPA 1999 Section 5 specified the requirements for hazardous substances (Currently chemical substances classification and standards are specified as below), enterprises should timely follow the updates of the regulations to ensure the products are green and does no harm to human health to avoid lose.



HCT Solution

HCT is a third party lab that is managed under ISO/IEC 17025, and is accredited by CNAS and CMA, has the capability to test the hazardous substances listed in CPEA, could help enterprises with the related products' safety requirements.



Annex : Restricted substance list (Prohibition of Certain Toxic Substances Regulations, 2012)

Remark : this list contains two parts, including: Prohibited toxic substances (SCHEDULE 1)& permitted use, concentration limits and reporting thresholds (SCHEDULE 2) .

For more information please contact HCT Technical Service Department, or click the links:

Former 22 substances : [Prohibition of Certain Toxic Substances Regulations, 2012](#)

Newly added 5 substances : [Regulations Amending the Prohibition of Certain Toxic Substances Regulations, 2012](#)

Restricted Substances List

Item	Substance
1	Mirex
2	Polybrominated Biphenyls
3	Polychlorinated Terphenyls
4	Bis(chloromethyl) ether
5	Chloromethyl methyl ether
6	(4-Chlorophenyl) cyclopropylmethanone
7	N-Nitrosodimethylamine
8	Hexachlorobutadiene
9	Dichlorodiphenyltrichloroethane
10	Hexachlorobenzene
11	Polychlorinated naphthalenes
12	Chlorinated alkanes
13	Hexane
14	2-Propenoic acid
15	2-Propenoic acid (Another way to reaction)
16	2-Propen-1-ol
17	Benzidine and benzidine dihydrochloride
18	2-Methoxyethanol
19	Benzenamine, N-phenyl-
20	Pentachlorobenzene
21	Tetrachlorobenzenes
22	Tributyltins
23 new	Polybrominated diphenyl ethers
24 new	Perfluorooctane sulfonate
25 new	Perfluorooctanoic acid
26 new	Perfluorocarboxylic acids
27 new	Hexabromocyclododecane

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