



## China Ministry of Ecology and Environment Publishes New Controlled List of Pollutants of High Priorities (2023 edition)

China Ministry of Ecology and Environment (MEE) has released an updated list of pollutants of high priorities on Dec 29, 2022 in joint announcement No.28 with Ministry of Industry and Information Technology, Ministry of Agriculture and Rural Affairs, Ministry of Commerce, General Administration of Customs, State Administration for Market Regulation. Restriction of these pollutants mainly applies to manufacturing, processing, import and export of such substances. Enforcement date would be March 1, 2023.

Updated controlled list of pollutants of high priorities covers many persistent pollutants listed under Stockholm Convention, of which China is one of the signatories. The list also has substances that have high impact to environment if they are discharged. Restriction of these pollutants mainly applies to manufacturing, processing<sup>#</sup>, import and export. Restriction of certain pollutants has exemptions, or extension of deadlines. Below are few highlights of the announcement:

- Clause 4 All subordinate levels of Ministry of Ecology and Environment, Ministry of Industry and Information Technology, Ministry of Agriculture and Rural Affairs, Ministry of Commerce, Administration for Market Regulation, as well as Customs, shall strengthen the restrictive control of new pollutants in accordance with their duties and responsibilities.
- Clause 5 This control list would be adjusted as needed according to the actual implementation.
- Clause 6 This control list would be enforced as of Mar 1, 2023.

Below is a summary of chemicals in the updated controlled list of pollutants of high priorities released by China MEE. Refer to the below web links for details of each restriction, including exemptions or extension of deadlines.

[http://www.gov.cn/zhengce/2022-12/30/content\\_5734728.htm](http://www.gov.cn/zhengce/2022-12/30/content_5734728.htm)

[https://www.mee.gov.cn/gzk/gz/202212/t20221230\\_1009192.shtml](https://www.mee.gov.cn/gzk/gz/202212/t20221230_1009192.shtml)

No.	Restricted Pollutants	CAS Number
1	Perfluorooctane sulfonic acid (PFOS) and its salts, together with Perfluorooctanesulfonyl fluoride (PFOSF)	1763-23-1 307-35-7 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8

No.	Restricted Pollutants	CAS Number
2	<p>Perfluorooctanoic acid (PFOA) and its salts, and related compounds</p> <p>Below compounds are not considered as PFOA related compounds: (i) C<sub>8</sub>F<sub>17</sub>-X, while X= F, Cl, Br; (ii) CF<sub>3</sub>[CF<sub>2</sub>]<sub>n</sub>-R' compounds, while R'= any moiety, n&gt;16; (iii) Perfluoroalkyl carboxylic acids or perfluoroalkylphosphonic acids with perfluorinated carbon atoms ≥ 8 (including salts, esters, halides and anhydrides); (iv) Perfluoroalkyl sulfonic acids with perfluorinated carbon atoms ≥ 9 (including salts, esters, halides and anhydrides); (v) Perfluorooctane sulfonic acid and its salts together with perfluorooctanesulfonyl fluoride.</p>	-
3	Decabromodiphenyl ether (DecaBDE)	1163-19-5
4	<p>Short chain chlorinated paraffins (SCCP)</p> <p>With carbon linear chain at C10 to C13, and chlorine content is over 48% by weight, and concentration within the mixture is at 1% or above.</p>	85535-84-8 68920-70-7 71011-12-6 85536-22-7 85681-73-8 108171-26-2
5	Hexachlorobutadiene	87-68-3
6	Pentachlorophenol and its salts and esters	87-86-5 131-52-2 27735-64-4 3772-94-9 1825-21-4
7	Dicofol; 2,2,2-Trichloro-1,1-bis(4-chlorophenyl)ethanol	115-32-2 10606-46-9
8	<p>PFHxS and its salts, and related compounds.</p> <p>Perfluorohexylsulfonic acid and its linear or branched isomers; salts of perfluorohexylsulfonic acid; related compounds including structure C<sub>6</sub>F<sub>13</sub>SO<sub>2</sub> of which degradation yields perfluorohexylsulfonic acid.</p>	355-46-4
9	Dechlorane Plus (Bis(hexachlorocyclopentadieno)cyclooctane), <i>cis</i> or <i>trans</i> isomers	13560-89-9 135821-03-3 135821-74-8
10	Dichloromethane, methylene chloride	75-09-2
11	Trichloromethane, chloroform	67-66-3
12	Nonyl Phenol (NP)	25154-52-3 84852-15-3
13	<p>Antibiotics</p> <p>Strictly implement the sale of prescription antibiotics by retail pharmacies on prescription, and promote the sale and use of veterinary antibiotics on veterinary prescriptions</p>	-
14*	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 134237-50-6 134237-51-7

No.	Restricted Pollutants	CAS Number
		134237-52-8
	Chlordane	57-74-9
	Mirex	2385-85-5
	Hexachlorobenzene (HCB)	118-74-1
	DDT	50-29-3
	$\alpha$ -hexachlorocyclohexane	319-84-6
	$\beta$ -hexachlorocyclohexane	319-85-7
	Lidane	58-89-9
	Endosulfan and its isomers	115-29-7 959-98-8 33213-65-9 1031-07-8
	Polychlorinated biphenyls	-

*\*These are obsolete substances with scopes that are aligned with the persistent organic pollutants restricted under Stockholm Convention.*

*# Footnote 8 of the announcement has the definition of processing. Processing refers to activities such as using chemical substances for production, but excluding trade, storage, transportation, and the use of articles containing such substances.*

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