



List of New Pollutants for Priority Management (2023)

重点管控新污染物清单（2023）

Ministry of Ecology and Environment

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List of New Pollutants for Priority Management (2023)

1. The List is formulated in accordance with relevant laws, regulations and normative documents such as the *Environmental Protection Law of the People's Republic of China*, the *Opinions on In-Depth Fighting the Battle of Pollution Prevention and Control*, and the *Action Plan for New Pollutants Treatment issued by the State Council*.
2. New pollutants mainly come from the production and use of toxic and harmful chemicals.
The List is formulated after technical feasibility and economic and social impact assessment, according to the environmental risks of toxic and hazardous chemicals and regulatory realities.
3. For the listed new pollutants, environmental risk management and control measures such as prohibition, restriction, and emission restriction shall be adopted in accordance with relevant national regulations.
4. Departments of ecology and environment, industry and information technology, agriculture and rural affairs, commerce, market regulation at all levels, and customs shall strengthen the control and management of new pollutants in accordance with the laws and regulations, according to the responsibilities and missions of each authority.
5. The List is dynamically updated according to the actual situation.
6. The List shall come into force on March 1, 2023.

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Number	Substance Name	CAS number	Main environmental risk control measures
1	Perfluorooctane sulfonic acid and its salts and perfluorooctyl sulfonyl fluoride (PFOS)	E.g. 1763-23-1 307-35-7 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8	<ol style="list-style-type: none"> Prohibit its production. Prohibit its processing and use (except for the following use). <ol style="list-style-type: none"> Production of firefighting foam (exemption deadline for this use is December 31, 2023) Enterprises that produce firefighting foam shall implement compulsory cleaner production review in accordance with the law. Importers or exporters of PFOS shall apply for the environmental management release notice for the import and export of toxic chemicals. Import or export of PFOS is prohibited from January 1, 2024. For PFOS that are prohibited from being used, or declared to be abandoned by the owner, or confiscated or received by relevant departments and need to be destroyed, if identified as hazardous wastes according to the National Inventory of Hazardous Wastes or hazardous wastes identification standard, they should be regarded as hazardous wastes subject to environmental management. Key units of soil pollution involving PFOS should establish a screening system for potential soil pollution hazards to ensure continuous and effective prevention of leakage, loss and scattering of toxic and hazardous substances.
2	Perfluorooctanoic acid and its salts and related compounds (PFOA) ¹	—	<ol style="list-style-type: none"> Prohibit setting new PFOA production facilities. Prohibit its production, processing and application (except for the following use). <ol style="list-style-type: none"> Photolithography or etch processes in semiconductor manufacturing; Photographic coatings applied to films; Textiles for oil- and water- repellency for the protection of workers from dangerous liquids that comprise risks to their health and safety; Invasive and implantable medical devices; Use of perfluorooctyl iodide for the production of perfluorooctyl bromide for the purpose of producing pharmaceutical products Manufacture of polytetrafluoroethylene (PTFE) and polyvinylidene fluoride (PVDF) for the production of high-performance, corrosion-resistant gas filter membranes, water filter membranes and membranes for medical textiles, industrial waste heat exchanger equipment, and industrial sealants capable of preventing leakage of volatile organic compounds and PM2.5 particulates; Manufacture of polyfluoroethylene propylene (FEP) for the production of high-voltage electrical wire and cables for power transmission; Enterprises that apply PFOA for the abovementioned use shall implement compulsory cleaner production review in accordance with the law. Importers or exporters of PFOA that are listed in the Inventory of Severely Restricted Toxic Chemicals shall apply for the environmental management release notice for the import and export of toxic chemicals.



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