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Technical specification for nomenclature of chemicals for environmental management

Ministry of Ecology and Environment

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Foreword

This standard is formulated to implement the "Law on Environmental Protection of the People's Republic of China" and other laws and regulations, which standardizes the nomenclature of chemical substances for environmental management. It provides support for environmental management registration of new chemical substances, the management of "Inventory of Existing Chemical Substances in China", and the environmental risk assessment and control of chemical substances.

This standard specifies the nomenclature requirements of chemical substances for environmental management.

Appendix A of this standard is informative.

This is the first release of this standard.

This standard is formulated under the organization of the Department of Solid Waste and Chemicals and the Department of Regulations and Standards of the Ministry of Ecology and Environment (MEE).

The main drafting units of this standard: Solid Waste and Chemicals Management Technology Center of the Ministry of Ecology and Environment, Nanjing Institute of Environmental Sciences of the Ministry of Ecology and Environment, Chinese Research Academy of Environmental Sciences, and Jiangsu Provincial Academy of Environmental Science.

This standard was approved by the Ministry of Ecology and Environment on March 21, 2024.

This standard shall be implemented as of July 1, 2024.

This standard is interpreted by the Ministry of Ecology and Environment.

Technical specification for nomenclature of chemical substances for environmental management

1 Scope

This standard specifies the nomenclature requirements of chemical substances for environmental management.

This standard applies to the nomenclature of chemical substances for environmental management such as the environmental management registration of new chemical substances and the management of the "Inventory of Existing Chemical Substances in China", and the environmental risk assessment and control of chemical substances.

2 Normative References

The following documents or provisions therein are referenced in this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 23955 General Principle for Naming of Chemicals

HJ/T 420 Guidelines for the Generic Name of New Chemical Substances

Inventory of Existing Chemical Substances in China

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Chemical substances

Substances and compounds obtained from nature or produced by processing, excluding mixtures formed by physical mixing of chemical substances.

3.2 New Chemical Substances

Chemical substances not listed in the "Inventory of Existing Chemical Substances in China".

3.3 Constituent

A single entity with unique chemical characteristics presents in a chemical substance.

3.4 Impurity

A constituent that is undesired but present in the final product, does not contribute to the function of the product, may come from raw materials, side reactions or incomplete reactions during the production process, with a mass fraction of a single constituent not exceeding 10%, and a total mass fraction of constituents not exceeding 20%.

3.5 Main Constituent

Constituents in a chemical substance other than impurities.



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