



# Guidelines for Screening of Priority Assessment Chemical Substances (Exposure Draft)

优先评估化学物质筛选技术导则 (征求意见稿)

Ministry of Ecology and Environment

Published on April 29, 2021

*Translated by ChemLinked*

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**National Ecology and Environment Standard of  
the People's Republic of China**

**HJ XXX-202X**

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**Guidelines for screening of priority assessment chemical  
substances  
(Exposure draft)**

**Issued on 202X-XX-XX**

**Implemented on 202X-XX-XX**

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**Issued by      Ministry of Ecology and Environment**

## Foreword

This standard is formulated to implement the “Environmental Protection Law of the People’s Republic of China”, prevent environmental risks of chemical substances, regulate and guide the screening of priority assessment chemical substances, and provide support for the screening of priority control chemical substances.

This standard specifies the screening principles, screening procedures and screening technical requirements for priority assessment chemical substances.

This standard is issued for the first time.

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).

This standard is mainly drafted by: Solid Waste and Chemicals Management Center of the MEE, Nanjing Institute of Environmental Sciences of the MEE, and the Foreign Environmental Cooperation Center of the MEE.

This standard was approved by the MEE on 20XX-XX-XX.

This standard shall come into force starting from 20XX-XX-XX.

This standard is interpreted by the MEE.

# Guidelines for screening of priority assessment chemical substances

## 1 Scope of Application

This standard specifies the principles, procedures and technical requirements for screening of priority assessment chemical substances.

This standard applies to the screening of priority assessment chemical substances in the environmental risk assessment and control of chemical substances involved in any production, life and other activities.

This standard can be used as the technical basis for determining priority assessment chemical substances by the competent departments of ecology and environment at all levels, scientific research institutions, etc.

## 2 Normative References

The following referenced documents are indispensable for the application of 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 24782 Decision method of persistent, bioaccumulative and toxic substances, and very persistent and very bioaccumulative substances

GB 30000.22 Rules for classification and labelling of chemicals - Part 22: Germ cell mutagenicity

GB 30000.23 Rules for classification and labelling of chemicals - Part 23: Carcinogenicity

GB 30000.24 Rules for classification and labelling of chemicals - Part 24: Reproductive toxicity

GB 30000.26 Rules for classification and labelling of chemicals - Part 26: Specific target organ toxicity Repeated exposure

GB 30000.28 Rules for classification and labelling of chemicals - Part 28: Hazardous to the aquatic environment

## 3 Terms and Definitions

The following terms and definitions apply to this standard.

### 3.1 Chemical substance

Simple substance or compound derived from nature or produced by processing for commercial purposes; a mixture is defined as a substance composed of two or more chemical substances that do not react.

### 3.2 Priority assessment chemical substances

Chemical substances which have high hazards and high potential of environmental exposure and for which environmental risk assessment shall be prioritized to determine whether priority control shall be imposed.

## 4 Overall Requirements

### 4.1 Screening principles

Priority assessment chemical substances shall be screened following the principles below:

a) Adopt risk-based approaches and highlight priorities

Priority assessment chemical substances shall be screened, from the perspective of the hazards and exposure of chemical substances, based on their potential environmental and health risks. Priority shall be given to chemical substances that already exist in the environment and have greater hazards, including chemical substances and degradation products thereof that enter or may enter the environment during production and use.



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