

The background of the title section shows a close-up of a person in a white lab coat wearing blue nitrile gloves. They are holding a glass beaker and pouring a red liquid into a test tube. In the foreground, there is a metal test tube rack containing several test tubes with red and orange liquids. The background is a solid light blue.

Technical Guidelines for Environmental and Health Hazard Assessment of Chemical Substances (Trial)

化学物质环境与健康危害评估
技术导则(试行)

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Technical Guidelines for Environmental and Health Hazard Assessment of Chemical Substances (Trial)

This Technical Guidelines is formulated to provide guidance on environmental and health hazard assessment of chemical substances.

1. Scope of Application

This Technical Guidelines stipulates the working procedures, contents of assessment, basic methods and technical requirements for the environmental and health hazard assessment of chemical substances.

This Technical Guidelines is applicable to environmental and health hazard assessment of chemical substances.

2. Normative References

This Technical Guidelines refers to the following documents or their terms. For undated reference documents, the effective version is applicable to this Technical Guidelines.

GB/T 24782 *Decision method of Persistent, Bioaccumulative and Toxic Substances, and very Persistent and very Bioaccumulative Substances*

GB 30000.18 *Rules for Classification and Labelling of Chemicals - Part 18: Acute Toxicity*

GB 30000.19 *Rules for Classification and Labelling of Chemicals - Part 19: Skin Corrosion/Irritation*

GB 30000.20 *Rules for Classification and Labelling of Chemicals - Part 20: Serious Eye Damage/Eye Irritation*

GB 30000.21 *Rules for Classification and Labelling of Chemicals - Part 21: Respiratory or Skin Sensitization*

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 30000.25 *Rules for Classification and Labelling of Chemicals - Part 25: Specific Target Organ Toxicity - Single Exposure*

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*

GB 30000.29 *Rules for Classification and Labelling of Chemicals - Part 29: Hazardous to the Ozone Layer*

HJ 831 *Technical Guideline for Deriving Water Quality Criteria for the Protection of Freshwater Aquatic Organisms*

Framework Guidelines for Environmental Risk Assessment Techniques and Methods of Chemical Substances (Trial) (Huan Ban Gu Ti No.54 of 2019)

Measures for the Environmental Management Registration of New Chemical Substances (MEE Order No.12)

Guidance on Environmental Management Registration of New Chemical Substances (MEE Announcement No.51 of 2020)

3. Terms and Definitions

The following terms and definitions apply to this Technical Guidelines.

3.1 Chemical substances

An element and its compounds deriving from nature or obtained by a manufacturing or processing process for commercial purposes. A mixture refers to a mix composed of two or more chemical substances that do not react.

3.2 Environmental hazard assessment



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