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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 5085.6-2007

**Identification standards for hazardous wastes Identification for
toxic substance content
(English Translation)**

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Foreword

To implement the "People's Republic of China Environmental Protection Law" and "People's Republic of China Solid Waste Pollution Prevention Law"

Environmental pollution prevention caused by hazardous waste, strengthen the management of hazardous waste, protect the environment, protect human health, the development of

This standard.

This standard is part of the national hazardous waste identification standard. National hazardous waste identification standard solid waste

Hazardous characteristics Technical indicators hazardous characteristics standard technical specifications of solid waste are hazardous waste, required by law

Hazardous waste management. National Hazardous Waste Identification standard consists of the following seven criteria consists of.

1, hazardous waste identification standard General

2 Identification standard for hazardous wastes Identification corrosion

3, hazardous waste identification standard acute toxicity screening

5 Identification standard for hazardous wastes Identification Flammability

6, hazardous waste identification standard differential reactivity

7, hazardous waste identification standard differential toxic substance content

This standard is the new part.

According to relevant laws and regulations, the standard shall be enforceable.

This standard was proposed by the State Environmental Protection Administration of

Science, Technology.

This standard was drafted. Chinese Research Academy of Environmental Sciences, Institute of solid waste pollution control technology, environmental standards research

The,

This standard SEPA March 27, 2007 for approval.

This standard since October 1, 2007 implementation.

This standard is interpreted by the State Environmental Protection Administration.

Identification standard for hazardous wastes Identification content of toxic substances

1 Scope

This standard specifies the criteria to identify hazardous wastes containing toxic, carcinogenic, mutagenic and reproductive toxic substances.

Identification of the content of toxic substances This standard applies to any production, life and other activities generated solid waste.

2 Normative references

The following documents contain provisions which, through GB 5085 of this standard reference and become the standard terms. Undated

Reference documents, the latest versions apply to this standard.

HJ/T 298 Identification of Hazardous Waste Technical Specifications

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1

Acutely toxic substance toxic substance

It has a very strong toxicity of hazardous chemicals, including synthetic chemicals and natural toxins, and mixtures thereof.

3.2

Toxic substance toxic substance

After ingestion, inhalation or skin may cause death or serious material damage to health after exposure.

3.3

Carcinogenic carcinogenic substance

Substance can cause cancer or increase the cancer incidence.

3.4

Mutagenic substance mutagenic substance

It can cause mutations in human germ cells and can be inherited substance.

3.5

Reproductive toxic substances reproductive toxic substance

Have a detrimental effect on adult male or female sexual function and fertility and offspring development substances.

3.6

POPs persistent organic pollutants

Toxic, biodegradable and bio-accumulation and other characteristics, by air, water and migratory species migrate long distances and Shen

Accumulated during the deposition to terrestrial ecosystems and aquatic ecosystems accumulated organic chemicals.

Identification standard 4

One of the following conditions are solid waste is hazardous waste.

Appendix A contains 4.1 total content of one or more toxic substance $\geq 0.1\%$ of this standard;

4.2 This standard contains a total content of Appendix B of one or more toxic substances $\geq 3\%$;

4.3 This standard contains a total content of Appendix C of one or more carcinogenic substances $\geq 0.1\%$;

4.4 This standard contains a total content of Appendix D of one or more mutagenic substances $\geq 0.1\%$;

4.5 This standard contains a total content of Appendix E of one or more substances toxic for reproduction of $\geq 0.5\%$;

4.6 This standard contains Appendices A to E of two or more different toxic substances, if the following equation, in accordance with

Hazardous Waste Management.

1)] [$\geq$ sum

Tera

Tera

Muta

Muta

Carc

Carc

Where.

PT - content of toxic substances in solid waste;

PT - content of toxic substances in solid waste;

PCarc - content of the solid waste carcinogenic substances;

Content PMuta-- solid waste mutagenic substances;

PTera - reproductive toxicity content of the solid waste material;

LT, LT, LCarc, LMuta, LTera-- are standard values for various toxic substances prescribed in 4.1 to 4.5.

4.7 F containing any one of the persistent organic pollutants (except polychlorinated dibenzo-p-dioxins appendix to this standard, polychlorinated

Benzofuran outside) content of ≥ 50 mg/kg;

4.8 content containing polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans ≥ 15 μg TEQ/kg.

5.1 sampling sites and sampling methods according to HJ/298 performed.

5.2 Samples of inorganic elements and their compounds (except hexavalent chromium, inorganic fluorides, cyanides outside) pre-treatment methods, see

GB 5085.3 Appendix S; sample pretreatment method hexavalent chromium and its compounds with reference to GB 5085.3 Appendix T.

5.3 Sample pretreatment methods of organic reference GB 5085.3 Appendix U, Appendix V, W and the appendix of this standard Appendix G.

5.4 Determination of various toxic substances, in addition to implementation of the provisions of the standard analytical methods, the method specified in Appendix Zanan execution;

After the national environmental protection standards to be applied to measuring specific release of toxic substances, according to the standard implementation of the provisions.