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

GB 5085.3-2007

Replacing GB 5085.3-1996

**Identification standards for hazardous wastes -- Identification
for extraction toxicity
(English Translation)**

Issued on: April 25, 2007

Implemented on: October 1, 2007

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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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 "Identification standard for hazardous wastes - Identification for extraction procedure toxicity" (GB 5085.3-1996) has been revised, the main

It reads.

- Based on the original identification of the standard 14 projects, an increase of 37

identification projects. New projects mainly organic

Class of toxic substances.

- Modify the leaching of toxic substances.
- Modify the Analytical Methods section identification project.

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, "Identification standard for hazardous wastes - Identification for extraction procedure toxicity" (GB

IV

5085.3-1996) is abolished.

This standard is interpreted by the State Environmental Protection Administration.

Identification standard for hazardous waste leaching toxic identification

1 Scope

This standard specifies the toxicity characteristic leaching to hazardous waste identification standard.

This standard applies to any production, life and other activities generated solid waste leaching toxic identification.

2 Normative references

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

Reference documents, the latest versions apply to this standard.

HJ/T 299 methods for leaching toxicity of solid waste sulfuric acid nitric acid method

HJ/T 298 Identification of Hazardous Waste Technical Specifications

3 Identification Standard

The solid waste leachate HJ/T 299 prepared a danger to any ingredients than listed in Table 1 Concentration

Limit, it is determined that the solid waste is a hazardous waste leaching toxicity characteristics.

Table 1 leaching toxic identification standard value

Item No. Hazardous Components Hazard leaching solution concentration limit (mg/L)
Analysis

Inorganic elements and compounds

5 Total chromium 15 Appendix A, B, C, D

Chromium 6 (hexavalent) 5 GB/T 15555.4-1995

11 Nickel (Ni total count) 5 Appendix A, B, C, D

Total 12 silver and 5 in Appendix A, B, C, D

16 cyanide (CN- in dollars) APPENDIX G

Organic pesticides

Item No. Hazardous Components Hazard leaching solution concentration limit (mg/L)
Analysis

18 BHC 0.5 Appendix H

19 8 Appendix I dimethoate

20 pairs of parathion 0.3 Appendix I

Methyl parathion 0.2 21 Appendix I

22 5 Appendix I malathion

23 Chlordane 2 Appendix H

HCB 24 5 Appendix H

25 APPENDIX 3 H toxaphene

Mirex 26 0.05 Appendix H

Non-volatile organic compounds

Nitrobenzene 27 20 Appendix J

28 20 Appendix K dinitrobenzene

29 pairs of 5-nitro chlorobenzene Appendix L

5-nitro-2,4-dichlorobenzene 30 Appendix L

32 Phenol 3 Appendix K

33 6 Appendix K 2,4-dichlorophenol

34 2,4,6-trichlorophenol 6 Appendix K

35 Benzo (a) pyrene 0.0003 Appendix K, M

Dibutyl phthalate, butyl 2 Appendix K 36

Octyl phthalate 37 3 Appendix L

38 Appendix N PCBs 0.002

Volatile Organic Compounds

Benzene 39 1 Appendix O, P, Q

40 Toluene 1 Appendix O, P, Q

Ethylbenzene 41 4 Appendix P

Xylene 42 4 Appendix O, P

43 chlorobenzene 2 Appendix O, P

44 1,2-dichlorobenzene 4 Appendix K, O, P, R

45 1,4-dichlorobenzene 4 Appendix K, O, P, R

46 Acrylonitrile 20 Appendix O

47 3 Appendix Q chloroform

CTC 48 0.3 Appendix Q