



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

GB 30000.23-2013

Replacing GB 20597-2006

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

化学品分类和标签规范 第23部分：致癌性

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Foreword

Chapter 4 and Chapter 6 of this Part are mandatory. The rest are recommended. The expected structure of "Rules for classification and labelling of chemicals" and the national standards to be replaced are as follows: - Part 1. General rules (replacing GB 13690-2009); - Part 2. Explosives (replacing GB 20576-2006); - Part 3. Flammable gases (replacing GB 20577-2006); - Part 4. Aerosols (replacing GB 20578-2006); - Part 5. Oxidizing gases (replacing GB 20579-2006); - Part 6. Gases under pressure (replacing GB 20580-2006); - Part 7. Flammable liquids (replacing GB 20581-2006); - Part 8. Flammable solids (replacing GB 20582-2006); - Part 9. Self-reactive substances and mixtures (replacing GB 20583-2006); - Part 10. Pyrophoric liquids (replacing GB 20585-2006); - Part 11. Pyrophoric solids (replacing GB 20586-2006); - Part 12. Self-heating substances and mixtures (replacing GB 20584-2006); - Part 13. Substances and mixtures which, in contact with water, emit flammable gases (replacing GB 20587-2006); - Part 14. Oxidizing liquids (replacing GB 20589-2006); - Part 15. Oxidizing solids (replacing GB 20590-2006); - Part 16. Organic peroxides (replacing GB 20591-2006); - Part 17. Corrosive to metals (replacing GB 20588-2006); - Part 18. Acute toxicity (replacing GB 20592-2006); - Part 19. Skin corrosion/irritation (replacing GB 20593-2006); - Part 20. Serious eye damage/eye irritation (replacing GB 20594 a 2006); - Part 21. Respiratory or skin sensitization (replacing GB 20595-2006); - Part 22. Germ cell mutagenicity (replacing GB 20596-2006); - Part 23. Carcinogenicity (replacing GB 20597-2006); - Part 24. Reproductive toxicity (replacing GB 20598-2006); - Part 25. Specific target organ toxicity. Single exposure (replacing GB 20599-2006); - Part 26. Specific target organ toxicity. Repeated exposure (replacing GB 20601-2006); - Part 27. Aspiration hazard; - Part 28. Hazardous to the aquatic environment (replacing GB 20602-2006); - Part 29. Hazardous to the ozone layer; - Part 30. Work safety warning signs. This Part is Part 23 of GB 30000. This Part was drafted in accordance with the rules given in GB/T 1.1-2009. This Part shall replace GB 20597-2006 "Safety rules for classification, precautionary labelling and precautionary statements of chemicals -

Carcinogenicity". Compared with GB 20597-2006, the major technical content changes are as follows: - MODIFY the standard name. The Chinese name is changed to "Rules for classification and labelling of chemicals. Part 23. Carcinogenicity". The English name is changed to "Rules for classification and labelling of chemicals. Part 23. Carcinogenicity"; - MODIFY the content of Chapter 1 "Scope". The "warning label" is changed to "label". DELETE "precautionary statements"; - MODIFY the introductory phrase in Chapter 2 "Normative references"; ADD GB 13690 and GB/T 16483 as reference documents; - ADD the introductory phrase in Chapter 3 "Terms and definitions". - MODIFY the format of Table 2 according to GHS (fourth revised edition); Rules for classification and labelling of chemicals - Part 23. Carcinogenicity

1 Scope

GB 30000.23-2013 is the Chinese national standard on rules for classification and labelling of chemicals - part 23: carcinogenicity. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 10 October 2013 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2014. Classification: ICS , CCS A80. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Part of GB 30000 specifies the terms and definitions, classification criteria, decision logic and guidance, and labels of chemicals with carcinogenicity. This Part is applicable to the classification and labelling of chemicals with carcinogenicity according to "Globally Harmonized System of Classification and Labelling of Chemicals" (hereafter referred to as GHS) of the United Nations.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated editions apply to this document. For undated references, the latest editions (including all corrections) of the referenced documents apply to this document.

GB 13690 General rules for classification and hazard communication of chemicals

GB/T 16483 Safety data sheet for chemical products - Content and order of sections United Nations "Recommendations on the transport of dangerous goods - Model regulation" (Seventeenth revised edition) United Nations "Globally Harmonized System of

Classification and Labelling of Chemicals" (Fourth revised edition)

3 Terms and definitions

Those defined in GB 13690 AND the following terms and definitions apply to this document.

3.1 Carcinogen A substance or a mixture which induces cancer or increases its incidence. Substances and mixtures which have induced benign and malignant tumours additional considerations, such evidence may be from either limited evidence of carcinogenicity in human studies or from limited evidence of carcinogenicity in animal studies. Classification. Category