



GB 30000.15-20XX
Specification for classification and labelling
of chemicals - Part 15: Oxidizing solids
(Draft for comments)

Standardization Administration of China
State Administration for Market Regulation

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Specification for classification and labelling of chemicals – Part 15: Oxidizing solids (Draft for comments)

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State Administration for Market Regulation of the People's Republic of China

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Foreword

This document is drafted in accordance with the provisions of GB/T 1.1-2020 Directives for standardization—Part 1: Rules for the structure and drafting of standardizing documents.

This document is Part 7 of GB 30000 Specification for Classification and Labelling of Chemicals.

The following parts of GB 30000 have been published:

- Part 1: General rules;
- Part 2: Explosives;
- Part 3: Flammable gases;
- Part 4: Aerosols;
- Part 5: Oxidizing gases;
- Part 6: Gases under pressure;
- Part 7: Flammable liquids;
- Part 8: Flammable solids;
- Part 9: Self-reactive substances and mixtures;
- Part 10: Pyrophoric liquids;
- Part 11: Pyrophoric solids;
- Part 12: Self-heating substances and mixtures;
- Part 13: Substances and mixtures which, in contact with water, emit flammable gases;
- Part 14: Oxidizing liquids;
- Part 15: Oxidizing solids;
- Part 16: Organic peroxides;
- Part 17: Corrosive to metals;
- Part 18: Acute toxicity;
- Part 19: Skin corrosion/irritation;
- Part 20: Serious eye damage/eye irritation;
- Part 21: Respiratory or skin sensitization;
- Part 22: Germ cell mutagenicity;

- Part 23: Carcinogenicity;
- Part 24: Reproductive toxicity;
- Part 25: Specific target organ toxicity - single exposure;
- Part 26: Specific target organ toxicity - repeated exposure;
- Part 27: Aspiration hazard;
- Part 28: Hazardous to the aquatic environment;
- Part 29: Hazardous to the ozone layer;
- Part 30: Desensitized explosives;
- Part 31: Precautionary label for workplace of chemicals.

This document aligns with the related technical content of the *United Nations Globally Harmonized System of Classification and Labelling of Chemicals* (GHS Rev.11).

This document replaces *GB 30000.7-2015 Specification for classification and labelling of chemicals - Part 15: Oxidizing solids*.

Compared with GB 30000.15-2013, the main technical changes are as follows:

- The provisions are modified to be mandatory in whole;
- The normative references are updated (see Clause2);
- The content for classification based on Test O.3 is added (see 4.2 and Appendix A).

Please be aware that some content in this document may involve patents. The issuing organization of this document does not take responsibility for identifying patents.

This document is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This document is overseen by the National Technical Committee 251 on Dangerous Chemicals Management of Standardization Administration of China (SAC/TC 251).

The previous versions of this document and the documents it replaces are as follows:

- First issued in 2006 as GB 20590-2006;
- First revised in 2013 as GB 30000.15-2013;
- This is the second revision.

Specification for classification and labelling of chemicals – Part 15: Oxidizing solids

1 Scope

This document specifies the classification criteria, decision logic and guidance, and labelling of oxidizing solids.

This document is applicable to the classification and labelling of oxidizing solids in accordance with the *United Nations Globally Harmonized System of Classification and Labeling of Chemicals* (Rev. 11) (hereinafter referred to as GHS).

2 Normative references

The following documents, through normative references in the text, constitute indispensable provisions of this document. For dated references, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies to this part.

GB 15258 General rules for preparation of precautionary label for chemicals

GB 30000.1 Specification for classification and labelling of chemicals – Part 1: General rules

GB/T 21617 Dangerous goods - Test method for oxidizing solids

UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (Rev. 11)

UN Recommendations on the Transport of Dangerous Goods - Model Regulations (Rev. 24)

IMO International Maritime Solid Bulk Cargoes Code (IMSBC) (2025 Edition)

3 Terms and definitions

The terms and definitions outlined in GB 30000.1 apply to this document.

4 Classification criteria

4.1 The general principles for the classification and labelling of oxidizing solids are given in GB 30000.1.

4.2 Oxidizing solids are classified into three categories on the basis of its oxidizing properties determined in accordance with the methods described in GB/T 21617, as shown in Table 1.



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