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GB 12268-20XX

List of Dangerous Goods (Draft)

危险货物品名表（征求意见稿）

Authorities:

State Administration for Market Regulation (SAMR)
Standardization Administration of China (SAC)

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Translated by ChemLinked

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National Standard of the People's Republic of China

GB 12268—20XX

To replace GB 12268—2012

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Foreword

This standard is formulated according to GB/T 1.1-2020 Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents.

The technical content of this standard is consistent with the Recommendations on the Transport of Dangerous Goods - Model Regulations (Rev. 22).

This standard takes place of GB 12268-2012 List of dangerous goods. Compared with the GB 12268-2012, in addition to structural adjustments and editorial changes, the main updates are as follows:

- Updating content regarding code and classification of dangerous goods (see 4.1; 4.1, 4.2, 4.4 of the 2012 version);
- Adding a description of the scope of the list of dangerous goods (see 4.2);
- Adding a total of 59 entries, i.e., UN0510-UN0513 and UN 3496-UN 3550 (see Table 2; Table 1 of the 2012 version);
- Updating the structure of the list of dangerous goods, i.e., updating column 6 to "UN Packing Group"; adding column 8 "Limited quantities", column 9 "Expected quantities", column 10 "Packing instruction", column 11 "Special packing provisions", column 12 "Portable tanks and bulk containers - Instructions" and column 13 "Portable tanks and bulk containers - Special provisions" (see 5.1, 5.7~5.14; Chapter 5 of the 2012 version);
- Updating the special provisions (see Chapter 6 and Appendix A; 4.6 and Appendix B of the 2012 version);
- Adding requirements for limited quantities (see Chapter 7);
- Adding requirements for expected quantities (see Chapter 8);
- Adding general provisions for packing (see Chapter 9);
- Adding general provisions for portable tanks and bulk containers (see Chapter 10);
- Updating the list of generic and N.O.S. proper shipping names (see Appendix B; Appendix A of the 2012 version);
- Adding the list of currently assigned self-reactive substances in packaging (see Appendix C);
- Adding the list of currently assigned organic peroxides in packaging (see Appendix D);
- Deleting the index (see Index of the 2012 version).

Please note that some content in this standard may be subject to patents. The publisher of this standard assumes no responsibility for identifying patents.

This standard is proposed by the State Administration for Market Regulation.

This standard replaces previous versions of the following published standards:

GB 12268-1990; GB 12268-2005; GB 12268-2012.

List of Dangerous Goods

1 Scope

This standard stipulates the general provisions, structure, special provisions, limited quantities, expected quantities, general provisions for packing, and general provisions for portable tanks and bulk containers of the List of Dangerous Goods.

This standard applies to the transport, storage, distribution and related activities of dangerous goods.

2 Normative references

The following references are indispensable for the implementation of this standard. For referenced documents which are dated, only the dated version is applicable to this standard; for referenced documents which are not dated, the latest version (including all corrigenda) applies to this standard.

GB 6944 Classification and Code of Dangerous Goods

UN Recommendations on the Transport of Dangerous Goods - Model Regulations (Rev. 22)

UN Manual of Test and Criteria (Rev. 7)

3 Terms and definitions

Terms and definitions in GB 6944 are applicable to this standard.

4 General provisions

4.1 Dangerous goods shall be classified in accordance with GB 6944.

4.2 The List of Dangerous Goods lists the dangerous goods most commonly carried. The List of Dangerous Goods does not include goods which are so dangerous that their transport, except with special authorization, is prohibited. The List of Dangerous Goods is shown in Table 2.

4.3 The hazards of dangerous goods are related to their inherent instabilities. With respect to most substances, such instability can be controlled by correct packing, dilution, stabilization, addition of an inhibitor, refrigeration or other precautions. The transport of dangerous goods shall be in accordance with the provisions in the List of Dangerous Goods.

4.4 Where a substance or article is listed by name in the List of Dangerous Goods, it shall be identified in transport by the proper shipping name in the List.

4.4.1 Such substances or articles may contain technical impurities (for example those deriving from the production process) or additives for stability or other purposes that do not affect their classification. However, a substance listed by name containing technical impurities or additives for stability or other purposes affecting its classification shall be considered a mixture or solution.

4.4.2 A mixture or solution composed of a single predominant substance identified by name in the List of Dangerous Goods and one or more substances not in the List and/or traces of one or more substances identified by name in the List, shall be assigned the UN number and proper shipping name of the predominant substance named in the List unless:

- The mixture or solution is identified by name in the List of Dangerous Goods;
- The name and description of the substance named in the List of Dangerous Goods specifically indicate that they apply only to the pure substance;
- The hazard class or division, subsidiary hazard(s), packing group, or physical state of the mixture or solution is different from that of the substance named in the List of Dangerous Goods; or
- The hazard characteristics and properties of the mixture or solution necessitate emergency response measures that are different from those required for the substance identified by name in the List of Dangerous Goods.

In those other cases, except the one described in a), the mixture or solution shall be treated as a dangerous substance not specifically listed by name in the List of Dangerous Goods.

4.4.3 A mixture or solution that is not identified by name in the List of Dangerous Goods and that is composed of two or more dangerous goods shall be assigned to an entry that has the proper shipping name, description, hazard class or division, subsidiary hazard(s) and packing group that most precisely describe the mixture or solution.

4.4.4 A “generic” or “not otherwise specified” entry may be used for substances or articles which do not appear specifically by name in the List of Dangerous Goods. Such a substance or article may be offered for transport, storage, operation, distribution and other related activities only after its dangerous properties have been determined.



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