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

GB 15346-2012

Replacing GB 15346-1994

Chemical reagents - Packaging and marking

化学试剂 包装及标志

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. The standard Chapter 5, Chapter 6, Chapter 7, Chapter 8, Chapter 9, Chapter 10 is mandatory, the rest are recommended. This standard replaces GB 15346-1994 "chemical reagent packaging and signs", compared with GB 15346-1994 main changes are as follows:

- Canceled graphics corrugated board (the 1994 version of the 3.6, 3.7);
- Increase the risk of chemicals and chemical agents in general classification regulations (see Chapter 4, 1994 edition, Chapter 4);
- Revised test methods bottles (see Appendix A, Appendix B, 1994 edition of the 5.1.1, 5.1.2);
- Modify the number of ordinary wooden box board board (see 55, 1994 version 5.5.);
- Modify the technical requirements of corrugated boxes (see 56, 1994 version 5.6.);
- Modify the product packaging environmental requirements (see 63, 1994 version 6.3.);
- Increase the types of packaging unit (see 712, 1994 edition 7.2.);
- Modify the reserved capacity packaging solid products (see 713, 1994 edition of 7.3.1.);
- Increase should put Safety Data Sheet of the overpack container (see 731, 1994 edition of 7.5.1.);
- Increased product license requirements "quality and safety" sign (see 9.3);
- Modify the tolerance range packaging measurement (see 10.1 1, 1994 edition of 10.1.1).

The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee Chemistry Chemicals Branch (SAC/TC63/SC3) centralized. This standard was drafted. Beijing Chemical Plant, Beijing Institute of chemical reagents. The main drafters of this standard. Sun Yanlong, Shao Huimin, Yangjian Ling, Liu Ya chapter. This standard was first published in 1994, this is the first revision. Chemicals Packaging and marking

1 Scope

GB 15346 governs how chemical reagents are packed and labelled in China: the container types and materials for each class of reagent, the closure and sealing, the net quantities, and the marking - the name and formula, the grade, the batch, the quantity, the hazard information and the storage conditions that must appear on the label. It also covers packaging acceptance, storage and transport. It excludes MOS-grade, clinical, high-purity and fine chemical products, which have their own rules. Issued on 31 December 2012, in force since 1 October 2013, replacing GB 15346-1994. 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 edition it replaces are taken from there. The clause text, the tables and the numeric limits are not reproduced on this page - they are in the document itself, which is delivered in full in English translation.

This standard specifies the technical requirements for chemical reagent packaging and signs, packaging, inspection, storage and transportation. This standard does not apply to MOS reagents, clinical reagents, high purity reagents and fine chemical products, such as packaging.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs Preparation of

GB/T 601 chemical reagent standard titration solution

GB/T 603 chemical reagent in test methods - Preparations with

GB/T 4122.1 Packaging - Terminology - Part 1. Basic

GB/T 4857.3 Basic tests for transport packages - Part 3. Test methods for stacking static load

GB/T 4857.5 packaging transport package drop test methods

GB/T 6388 transport package shipping mark

GB/T 6543-2008 transport packaging corrugated box with a single and double corrugated boxes

GB/T 6582 Test methods and classification of glass particles at 98 °C water resistance Laboratory use specifications and test methods GB/T 6682 Analysis

GB/T 9174-2008 general cargo transport packaging technology

GB 12463 transport of dangerous goods packaging technology

GB/T 12464-2002 ordinary wooden box

GB 13690 chemical classification and hazard communication General

3 Terms and symbols

GB/T 4122.1 and define the following terms and definitions apply to this document.

3.1 Packing unit unit of package Net content of products within each packaging container loaded.

3.2 Packaging inner package Divided without colorant material (NB) Canadian colorant material (NBY) packaging container made, together with the inner plug (mat), cover, seal Outside the mouth and the internal packaging container additional packages such as. black paper, plastic bags and so on.

3.3 Packaged in-between Volume is too small inner containers, before loading the packaging container, press a certain number of combinations charged an intermediate container, and then the intermediate capacity is charged by a certain number of combinations outer container, this container is called an intermediate in the package.

3.4 Packaging outer package Product packaging, in the circulation process mainly serves as protection products, convenient transportation.

3.5 Insulating material divider, separator For container space is divided into several layers or several grid components, such as partitions, lattice panels, its purpose is to and spaced from the buffer contents effect.

3.6 Single corrugated board corrugated fibreboard of single sheet type Processing consists of two layers of corrugated cardboard and a layer made of corrugated cardboard.

3.7 Corrugated paperboard corrugated fibreboard of double sheet type Machined from two containerboard, corrugated layers and layer sandwich made of corrugated cardboard.

4 Packing

4.1 General Chemicals Transport Packaging General Chemical Reagents transport packages shall comply with GB/T 9174-2008 Chapter 3. General requirements, if necessary, should be The provisions of GB/T 9174-2008 Chapter 6 of the performance test accordingly.

4.2 Dangerous Goods Transport Packaging Chemicals According to the provisions of GB 13690 for the classification of hazardous chemicals. Performance test of dangerous goods Chemicals transport packages should be consistent GB 12463 requirements. The technical requirements of the packaging material 5