



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

GB 17916-2013

Replacing GB 17916-1999

Specifications for storage and preservation of toxicant goods

毒害性商品储存养护技术条件

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Foreword

The standard Chapter 5, Chapter 6, Chapter 8, Chapters 9 and 10 are mandatory, others are recommended. This standard is based on GB/T 1.1-2009 given rule drafting. This standard replaces GB 17916-1999 "toxic goods storage and preservation." This standard compared with GB 17916-1999, the main differences are as follows:

- The standard name be changed to "toxic goods storage and preservation of";
- Adds two terms;

- Added "warehousing inspection" in a principle;
- Clear double transceiver Double custody system and should not be open dumps requirements;
- Clear packaging labeling shall comply with the provisions of GB 15258;
- Adds Workers should hold posts job qualification certificates;
- Appendix B to change the normative appendix is an informative annex. This standard is proposed and managed by China General Chamber of Commerce. Drafting of this standard. Zhejiang Jianye Chemical Co., Ltd., China Warehousing Association, Zhejiang Academy of Safety Sciences, the State Chamber of Commerce. The main drafters of this standard. Cao Ji Mei Shen Soki, Xia Yizhong, Sun Zhenbo Chai how to protect yourself, Jin Xiaolei. This standard previously issued as follows:
- GB 17916-1999. Toxic goods storage and preservation of

1 Scope

GB 17916-2013 is the Chinese national standard on specifications for storage and preservation of toxicant goods. 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 17 December 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 July 2014. Classification: ICS (ICS) , CCS A87. 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 standard specifies the terms and definitions toxic storage and preservation of goods, storage conditions, warehousing inspection, stacking, conservation technology, Safe operation, a library and emergency response requirements. This standard applies to conserve storage

3.1 Definitions goods.

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 6944-2012 Classification and code of dangerous goods

GB 15258 rules for preparation of chemical safety labels

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Toxic goods toxicgoods Toxic Goods After ingestion, inhalation or contact with the skin may cause death or serious injury or damage to human health substances. [GB 6944-2012, Dangerous Goods Classification 4.7.2.1.1]

4.1 Treasury

4.1.1 Treasury dry and ventilated. Mechanical ventilation should be safety and detoxification treatment measures.

4.1.2 Treasury fire resistance rating of not less than two.

4.2 Security

4.2.1 Storage should be away from residential areas and water sources.

4.2.2 Goods avoid direct sunlight exposure, away from heat, power, fire, in the library (area) with fixed and convenient location with toxic Suppliers Goods Properties to match the fire equipment, alarm devices and first aid kit.

4.2.3 Different types of poisonous goods, depending on the degree of danger and the different fire fighting methods should be stored separately, the toxic nature of the balance of goods Should not coexist with the library (see Appendix A).

4.2.4 highly toxic product should be used for special storage or storage in a single space between each other, and install anti-theft alarm and monitoring systems, installed double doors Lock, the implementation of double transceiver Double custody system.

4.3 Environment Reservoir coffers and keep clean. Scattered on toxic goods should be in accordance with the method of its safety data sheet at the proper collection Weed management, timely removal of the reservoir area. Used clothes, gloves and other items should be placed in a safe place outside the library, safekeeping and timely manner. more When changing store poisonous varieties of goods, to the Treasury cleaned.

4.4 Temperature and humidity Treasury temperature should not exceed 35 °C. Toxic volatile commodity, warehouse temperature should be controlled below 32 °C, relative humidity should 85% or less. For deliquescent toxic goods, the Treasury should be controlled relative humidity below 80%.

5 warehousing inspection

5.1 Principles

5.1.1 The storage of goods should be accompanied by quality certificate and safety data sheets. Chinese imports should also have safety data sheet or other instructions.

5.1.2 The storage of goods should be separately according to the type of storage toxic goods, take the isolation, separated, isolated storage.

5.1.3 The quality of the goods shall comply with the relevant product standard, the test is responsible for the inventory.

5.1.4 safekeeping party goods appearance, both inside and outside signs, containers and packaging, gaskets, etc. sensory testing.

5.1.5 Each product packaging should be open for acceptance, inspection found the problem to expand the proportion of packaging recovery after inspection and marking.

5.1.6 Acceptance shall be carried out in a safe location outside the warehouse.

5.2.1 Packaging

5.2.1.1 package labels shall comply with the provisions of GB 15258.

5.2.1.2 packaging should be intact, no moisture, pollution.

5.2.2 Quality

5.2.2.1 Goods characters, colors, etc. shall comply with the relevant product standards.

5.2.2.2 Liquid Colour change, no precipitation, no impurities.

5.2.2.3 The solid product no color, no lumps, no deliquescence, no melting phenomenon.

5.2.3 Acceptance

5.2.3.1 should be performed double review system.

5.2.3.2 does not comply with the provisions of

5.1 should not be put in storage of goods, should be staging a safe place, inform the storing party, be dealt with separately.

5.2.3.3 Eligible receipt of goods warehousing, complete inspection records, inventory turn square.

5.2.3.4 When the packaging leaking, replace the package before storage, packaging renovations required in special places. Toxic spill on the ground to clear goods Clean sweep, centralized storage, unified handling.