

ICS 71.040.30

CCS G63



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

**GB/T 1400-2014**

Replacing GB/T 1400-1993

**Chemical reagent-Hexamethylene tetramine**

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Standardization Administration of China**

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### Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 1400-1993 "Chemicals hexamethylenetetramine," compared with the GB/T 1400-1993, Technical Changes are as follows:

- Clarity test specifications by a "qualified" to "2", "5" (see Chapter 4, 1993 edition 3.3);
- Specifications and increased moisture determination (see Chapter 4, 5.8);
- Improved Content Measurement (see 53, 1993 version 4.1.);
- Adjust the amount of water insolubles sampling measurement method (see 56, 1993 version 4.3.2.);
- Modified chloride, ammonium two measuring methods (see 59, 511, 1993 edition of the 4.3.4, 4.3.6.);
- Determination of heavy metals increased sodium sulfide - glycerol assay (see 513, 1993 version 4.3.8.);
- Modify the packaging and logo (see Chapter 7, Chapter 6, 1993 edition). 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 is drafted by: Guangdong Guanghua Science and Technology Co., Ltd., Beijing Institute of Chemical reagents. The main drafters of this standard. Monday Lang, body and even the king, Zhang Xiaobin, Zhang Zhibin, Han Baoying, Wang Yuhua. This standard replaces the standards previously issued as follows:
  - GB 1400-1978, GB/T 1400-1993. Chemicals hexamethylenetetramine

### 1 Scope

GB/T 1400-2014 is the Chinese national standard on chemical reagent-hexamethylene tetramine, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers

meet it. It was issued on 3 September 2014 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 March 2015. Classification: ICS 71.040.30, CCS G63. 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 chemical agents hexamethylenetetramine traits, specifications, testing, packaging and inspection rules and signs. This standard applies to chemical agents hexamethylenetetramine test. Molecular formula.  $C_6H_{12}N_4$

4 Structure. Molecular weight. 140.19 (according to 2007 international relative atomic mass)

## 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. Preparation of

GB/T 601 chemical reagent standard titration solution Preparation of standard solution of

GB/T 602 Determination of impurities in chemical reagents

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

GB/T 606 chemical reagent Moisture common method Karl Fischer method Laboratory use specifications and test methods GB/T 6682 Analysis

GB/T 9724 General rule for determination of pH chemical reagent

GB/T 9728 General method for determination of chemical reagents sulfate

GB/T 9729 General method for determination of chloride Chemicals

GB/T 9735 General method for determination of heavy metals Chemicals

GB/T 9738-2008 Determination of water insoluble chemical reagent - General method

GB/T 9739 General method for determination of iron chemical reagents

GB/T 9741-2008 Determination of residue on ignition Chemicals General method

GB 15346 chemical reagent packaging and marking

HG/T 3484 standard chemical reagents glass emulsion and clarity standards

## 3 Characters

Colorless or white crystals, soluble in water, alcohol and ether.