

Translated English of Chinese Standard: GB 18382-2001

www.ChineseStandard.net

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 65.080
G 20

GB 18382-2001

Neq ISO 7409:1984

Fertilizer Marking – Presentation and Declaration

GB 18382-2001 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~25 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: July 26, 2001

Implemented on: January 1, 2002

**Issued by: State Administration for Quality Supervision and Inspection
and Quarantine of the People's Republic of China.**

Table of Contents

Foreword.....	3
ISO Foreword	4
1 Application Scope.....	6
2 Normative References.....	6
3 Definitions	6
4 Principle	9
5 Basic Principles	9
6 General Requirements	9
7 Marking Content.....	10
8 Label	13
9 Quality Certificate or Conformity Certificate	13
10 Marking Print	13

Foreword

All text of this Standard is compulsory.

This Standard adopts ISO 7409:1984, but they are not equivalent.

Compared with ISO 7409:1984, relevant terms and definitions are added in this Standard and the requirements for relevant markings are added in accordance with national laws, regulations and rules.

From January 1, 2002, the marking on the sales packaging of fertilizers produced by the fertilizer manufacturer shall conform to this Standard; from July 1, 2002, the sales of the fertilizers whose marking does not conform to this Standard shall be stopped.

This Standard was proposed by the State Bureau of Petroleum and Chemical Industry.

This Standard shall be under the jurisdiction and interpreted by the National Standardization Technical Committee on Fertilizers and Soil Conditioners.

The drafting organization of this Standard: National Fertilizer Quality Supervision and Testing Centre (Shanghai).

The main drafters of this Standard: Liu Gang, Zhang Xiaoqin, Yang Yi.

This Standard was issued for the first time.

Fertilizer Marking – Presentation and Declaration

1 Application Scope

This Part specifies the basic principles, general requirements and marking content for fertilizers.

This Part applies to the fertilizers produced and distributed within the territory of the People's Republic of China.

2 Normative References

The articles of the following standards become the articles of this Standard through the reference in this Standard. When this Standard is published, all editions shown are effective. All standards will be revised. Therefore, all parties using this Standard shall study the possibility of using the latest editions of the following standards.

GB 190-1990, *Labels for Packages of Dangerous Goods*

GB 191-2000, *Packaging – Pictorial Marking for Handling of Goods*

GB/T 14436-1993, *General Principles of Industrial Product Guarantee Documents*

3 Definitions

For the purposes of this Standard, the following definitions apply.

3.1

marking

Joint name of all kinds of designations used to identify fertilizer products and their quality, quantity, characteristics and use methods. Marking can be given using characters, symbols, patterns and other instructions.

3.2

label

Necessary information used to identify fertilizers and for understanding their major properties, which is provided by paper cards, plastic cards or printing part of containers such as packaging bags.

3.3

The marking of net content shall conform to the requirements of the Provisions on the Metrological Supervision of Quantitatively-Packaged Goods.

7.3 Nutrient content

Use an individual numerical value to mark the content of nutrients.

7.3.1 Straight fertilizer

7.3.1.1 Mark the percentage content of individual nutrients.

7.3.1.2 If secondary elements and trace elements are added, such secondary elements and trace elements (calculated by elementary substance, similarly hereinafter) can be marked; all individual nutrient contents and their corresponding total contents are marked in accordance with the two types of secondary elements and trace elements, but the contents of secondary elements and trace elements shall not be added to major nutrients. Trace elements whose content is lower than 0.02% and secondary elements whose content is lower than 2% shall not be marked.

7.3.2 Compound fertilizer (complex fertilizer)

7.3.2.1 Mark the percentage content of the total nutrients of N, P₂O₅, K₂O. The marked value of total nutrient shall not be less than the total of the marked values of individual nutrients in the formula. Do not reckon other elements or compounds in the total nutrients.

7.3.2.2 Use formula to mark the total contents of total nitrogen, effective phosphorus pentoxide and potassium oxide, e.g. nitrogen phosphorus potassium compound fertilizer 15-15-15. Binary fertilizers shall be marked with "0" in the position of nutrients not contained, e.g. nitrogen potassium compound fertilizer 15-0-10.

7.3.2.3 If secondary elements and trace elements are added, they shall not be marked on packaging containers or quality certificates (except as specified in national standards or industrial standards).

7.3.3 Secondary element fertilizer

7.3.3.1 Mark respectively the nutrient contents of all secondary elements and the total of the contents of all secondary element nutrients. Individual secondary elements whose content is less than 2% shall not be marked.

7.3.3.2 If trace elements are added, they may be marked; the contents and total content of all trace elements shall be marked respectively; the contents of trace elements shall not be added to those of secondary elements. The other requirements are identical to 7.3.1.2.

7.3.4 Trace element fertilizer

Mark respectively individual contents of all trace elements and total of trace element

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----