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

GB/T 15258-1994

Replacing GB 15258-1999

**General rules for preparation of precautionary label for
chemicals**

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
4 Labels
4.1 Label elements
4.2 Content
4.3 Simplify label
4.4 Security sample label
5 Production
5.1 Write
5.3 Label Size
5.4 Printing
6 Use
6.1 Use
6.2 Location
6.3 Precautions

Foreword

4.1,4.2,4.3,5.1,5.2,5.4.1,5.4.2 this standard is mandatory, the rest are recommended.

This corresponds to the standard of the United Nations' Globally Harmonized System of Classification and Labeling "(GHS, second revised edition), and its degree of consistency Non-equivalent.

This standard replaces GB 15258-1999 "label for chemicals preparation of regulations." this standard compared with GB 15258-1999, the main differences are as follows.

--- 4.2 label has been adjusted;

5.3 --- Added "label size";

--- 4.3 adds the "simplified label";

--- Adjustment Appendix A, Appendix B, Appendix C, designed according to GHS safety sample label, security labels and shipping marks and paste-like Example, offers different

categories of hazardous chemicals, precautionary statements.

This standard Annex A, Annex B, Annex C is informative appendix.

This standard from the date of implementation of the transitional period of one year.

This standard is managed by the National Standardization Technical Committee chemicals dangerous (SAC/TC251) and focal points.

1 Scope

This standard specifies the terms and definitions, label content, production and use of chemical safety labeling requirements.

This standard applies to the preparation, production and use of chemical safety labels.

Otherwise standard product safety labels, such as pesticides, gas cylinders, etc., according to their standards.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 12268 of dangerous goods GB 20576 chemical classification, precautionary labeling and precautionary statements Explosives Safety rules GB 20577 chemical classification, precautionary labeling and precautionary statements of specification flammable gases GB 20578 chemical classification, precautionary labeling and precautionary statements of norms Flammable GB 20579 chemical classification, precautionary labeling and precautionary statements of normative oxidizing gas GB 20580 chemical classification, precautionary labeling and precautionary statements under pressure gas safety regulations GB 20581 chemical classification, precautionary labeling and precautionary statements of specification flammable liquids GB 20582 chemical classification, precautionary labeling and precautionary statements Flammable solid Specification GB 20583 chemical classification, precautionary labeling and precautionary statements normative self-reactive substances GB 20584 chemical classification, precautionary labeling and precautionary statements of self-heating substance specification GB 20585 chemical classification, precautionary labeling and precautionary statements of spontaneous combustion of liquid Specification GB 20586 chemical classification, precautionary labeling and precautionary statements of spontaneous combustion of solid Specification GB 20587 chemical classification, precautionary labeling and precautionary statements of specification contact with water emit flammable gases GB 20588 Chemicals classification, precautionary

labeling and precautionary statements of specification metal corrosion GB 20589 chemical classification, precautionary labeling and precautionary statements of normative oxidizing liquid GB 20590 chemical classification, precautionary labeling and precautionary statements of normative oxidizing solid GB 20591 chemical classification, precautionary labeling and precautionary statements of norms organic peroxides GB 20592 Chemicals classification, precautionary labeling and precautionary statements of norms acute toxicity GB 20593 chemical classification, precautionary labeling and precautionary statements of norms skin corrosion/irritation GB 20594 chemical classification, precautionary labeling and precautionary statements of norms serious eye damage/eye irritation GB 20595 chemical classification, precautionary labeling and precautionary statements of norms Respiratory or skin sensitization GB 20596 chemical classification, precautionary labeling and precautionary statements of norms Germ cell mutagenicity GB 20597 chemical classification, precautionary labeling and precautionary statements of normative carcinogenicity GB 20598 chemical classification, precautionary labeling and precautionary statements of reproductive toxicity Specification GB 20599 chemical classification, precautionary labeling and precautionary statements Specific target organ toxicity - single exposure GB 20601 chemical classification, precautionary labeling and precautionary statements Specific target organ toxicity - Repeated exposure GB 20602 chemical classification, precautionary labeling and precautionary statements of norms on water environment hazards United Nations "on the Recommendations on the Transport of Dangerous Goods Model Regulations"

3 Terms and Definitions

The following terms and definitions apply to this standard.

Used to identify hazardous chemicals and safety precautions of having a set of text, pictograms and code combinations, it can be pasted, hanging bolt or printing on the packaging or container of chemicals.

On the Security tab is used to represent chemical risks of a class of information, such as pictograms, signal words and so on.

On the label used to indicate the relative severity of chemical risks and reminder contacts to potential dangerous words.

Graphic element intended to succinctly convey information security.

The graphic symbols and other graphical elements, such as borders, background patterns and color composition, presentation graphics combination of specific information.

Hazard class and category description, of the inherent danger of certain chemicals, including, if necessary, the degree of danger.

Reduce or pictograms described in words or to prevent contact with hazardous chemicals,

ensure proper storage and handling measures.

Chemicals have explosive, combustible (flammable or combustibile, pyrophoric, flammable when wet), from the reaction, oxidation resistance, high-pressure gas Risk of metal corrosion and other hazards.

According to the study of the scientific method has been determined by the statistical data obtained confirmed that exposure to certain chemicals on human health caused by acute or chronic hazards.

3.10

After the chemicals enter the environment through environmental accumulation, bioaccumulation, biotransformation or chemical reactions, etc., harmful to the environment.

4.1 Label elements

Including chemical identity, pictograms, signal words, hazard statements, precautionary statements, emergency telephone consultation, vendor identification, data refer to mention Language and other shows.

4.2.1 Chemical identity

Chinese and English are marked with the chemical name of the chemical or generic name. Name Requirements striking clear at the top of the label. name He said the Material Safety Data Sheet should be consistent with the name.

The mixture should be marked on its main components contributing to the hazard classification of the chemical name or common name, concentration or concentration range. When required to mark more components, the number of components with no more than five is appropriate. For a commercial secret ingredient may not be marked, but it should be listed Risk.

4.2.2 Pictograms

Using GB 20576 ~ GB 20599, GB 20601 ~ GB 20602 provisions pictograms.

4.2.3 Signal word

According to the degree of danger and chemical categories, with "danger", "warning" the two words were harmful levels of alerts. Located signal word of Chemicals under the name of, the requirements of eye-catching and clear. According to GB 20576 ~ GB 20599, GB 20601 ~ GB 20602, choose different types of risk Signal word dangerous chemicals.