



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

GB 14930.1-2022

National food safety standard - Detergent

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Foreword

This Standard replaces GB 14930.1-2015 National Food Safety Standard - Detergent.

Compared with GB 14930.1-2015, the major changes of this Standard are as follows.

- Delete terms and definitions, and include relevant content in the scope;
- Add basic requirements;
- Refine the requirements for raw materials, and add Appendix A to clarify the raw materials that can be used in detergent products;
- Add the limit indicator of 1,4-dioxane;
- Add microbial sampling methods;
- Modify product marking requirements.

National Food Safety Standard - Detergent

1 Scope

This Standard applies to detergents for washing food, tableware, drinking utensils, and tools, equipment or food packaging materials and containers that come into direct contact with food.

2 Product classification

Products -- according to the different uses -- are divided into two classes.

- Class A products, detergents directly used for cleaning food;

-- Class B products, detergents for cleaning tableware, drinking utensils, and tools, equipment or food packaging materials and containers that come into direct contact with food.

3.1 Under the recommended conditions of use of detergents, the level of substances

remaining in or migrating into food shall not be harmful to human health.

3.2 Under the recommended conditions of use of detergents, the level of substances

remaining in or migrating into food shall not cause changes in the composition, structure, color, aroma, and other properties of the food, and shall not produce technical functions for the food.

3.3 The raw materials of detergents shall comply with relevant national standards and

regulations; the manufacturer shall control unintentional additives such as impurities, decomposition products, and reaction products, so as to ensure that the products meet the requirements of 3.1 and 3.2.

4.2.1 Physical and chemical indicators

Physical and chemical indicators shall be in accordance with Table 1.

4.2.2 Microbial limits

Microbial limits shall be in accordance with Table 2.

5 Others

The minimum sales package of the product shall be marked with the class of the product (Class A, Class B), and shall be marked with "detergents shall be removed by effective means such as rinsing after cleaning the dirt" or other similar terms. Among them, Class A products can be marked with "it can be directly used for cleaning food", "it can be directly contacted with food" or other similar terms.

Appendix A

Raw materials allowed for Class A products and requirements

A.1 The determination of the substances in Table A.1 shall be based on the Chinese name and the CAS number as a reference.

A.2 In addition to the substances listed in this Appendix, substances that meet the following requirements can also be used as raw materials for Class A products.

a) Substances consisting of a series of homologs in Table A.1, of which one homolog or a combination of multiple homologs can also be used.

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