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

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**Sanitary wipes hygiene requirements
(English Translation)**

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions
4 Raw material requirements
5 Technical requirements
5.1 Sensory traits
5.2 Liquid content
5.3 Active ingredient content
5.4 PH
5.5 Stability
5.6 Packaging tightness
5.7 Metal Corrosion Index
5.8 Microbiological indicators
5.9 Indicators for killing microorganisms
5.10 Toxicological safety indicators
6 Inspection method
6.1 Sensory traits
6.2 Liquid content
6.3 Active ingredient content
6.4 PH
6.5 Stability
6.6 Package tightness
6.7 Metal corrosion
6.8 Microbiological indicators
6.9 Indicators for killing microorganisms
6.10 Toxicological safety
7 Application range
8 How to use
9 Marking and packaging
10 Transportation and storage
11 Labels and instructions

12 Notes

Foreword

Chapter 4.4, 8.1, 9.1, 10.1, 10.3 and Chapter 12 of this standard are recommended clauses, and the rest are mandatory clauses.

The main drafting organizations of this standard. Jiangsu Provincial Health Supervision Institute, China Center for Disease Control and Prevention, Environmental and Health Related Product Safety Institute, Shandong Provincial Health and Family Planning Supervision Institute, Heilongjiang Provincial Center for Disease Control and Prevention.

1 Scope

This standard specifies the raw material requirements, technical requirements, inspection methods, application scope, use methods, signs and packaging, Transportation and storage, labels and instructions, and precautions.

This standard applies to the production, sale and use of sanitary wipes.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 191 Packaging, Storage and Transportation Graphic Mark GB/T 27728-2011 wet wipes GB 15979-2002 Hygienic standard for disposable sanitary products GB/T 26369-2010 Hygienic Standard for Quaternary Ammonium Disinfectants GB/T 27947-2011 Hygienic Standard for Phenolic Disinfectants Pharmacopoeia of the People's Republic of China (2015 edition) Standards for Management of Labels and Instructions for Disinfection Products (2005 Edition) Ministry of Health Disinfection technical specifications (2002 edition) Ministry of Health

3 Terms and definitions

The following terms and definitions defined in the "Disinfection Technical Specification" (2002 Edition) apply to this document.

Cleaning

The process of removing dirt on the object being treated.

Hygiene wet wipes

Use non-woven fabrics,, wood pulp composite fabrics, wood pulp paper, etc. as carriers, add appropriate amounts of raw materials such as production water and disinfectant to treat Objects (such as hands, skin, mucous membranes and the surface of ordinary objects) have cleansing and sterilizing wet wipes.

Production liquid

Soaking liquid or spraying liquid directly added to the carrier during the production process.

4 Raw material requirements

4.1

Non-woven fabrics, or other raw materials should be clean, non-toxic, and comply with relevant national regulations. Recycled or discarded materials should not be used.

It should contain banned ingredients such as mobile fluorescent whitening agent.

4.2

The antiseptic active ingredients of sanitary wipes for hands, skin, and mucous membranes (contains antiseptic active ingredients for cleaning) should use non-industrial grade ingredients.

(Except for non-industrial grade), acute oral toxicity should be actual non-toxic or low-toxicity, non-mutagenic, heavy metal lead content < 40mg/L, Mercury content < 1mg/L, arsenic content < 10mg/L. The preservatives used should comply with the Pharmacopoeia of the People's Republic of China or the original Material requirements, the flavors, skin care agents and other auxiliary materials used should meet the requirements of food or cosmetic raw materials.

4.3

The ingredients and their names listed in the second part of the Pharmacopoeia of the People's Republic of China (except for disinfection and antiseptic categories, purified water) should not be added Raw materials and other prohibited substances specified by the national health and family planning administration.

4.4

The conductivity of production water should be $\leq 5.1 \mu\text{S}/\text{cm}$ (25°C).

4.5

The packaging materials directly in contact with the product should be non-toxic, harmless, clean, and have sufficient firmness.

5.1 Sensory traits

The appearance should be neat and tidy, free from hair loss and swarf; free from abnormal odor and foreign matter.

5.2 Liquid content

The weight ratio of liquid to carrier in sanitary wipes should be ≥ 1.7 .

Note: Except sanitary wipes whose carrier is wood pulp composite cloth and wood pulp paper.

5.3 Active ingredient content

The content of active ingredients should comply with the content marked on the product label. Among them, the liquid limit of sanitary wipes for hands, skin, and mucous membranes the substances used should meet the requirements of Table 1.

5.4 PH

The pH value of the extruded liquid of sanitary wipes for hands, skin and mucous membrane is 3.5-8.5.

5.5 Stability

The validity period is ≥ 1 year.

5.6 Packaging tightness

The packaging should be sealed, and there should be no leakage, air leakage or damage.

5.7 Metal Corrosion Index

The liquid used for the production of sanitary wipes on the surface of metal objects should be basically non-corrosive to metals.

5.8 Microbiological indicators

The total number of bacterial colonies in sanitary wipes ≤ 20 CFU/g, coliforms, pathogenic pyogenic bacteria (including *Pseudomonas aeruginosa*, *Staphylococcus aureus*) Bacteria and hemolytic streptococcus), the total number of fungal colonies shall not be detected.

5.9 Indicators for killing microorganisms

The killing rate of sanitary wipes to *Escherichia coli* and *Staphylococcus aureus* should be $\geq 90\%$. If it is marked to have a sterilization effect on fungi, it should be white the killing rate of *Candida* $\geq 90\%$; if it is marked to kill other microorganisms, the corresponding microorganism killing rate should be $\geq 90\%$.