

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

HJ 2550-2018

**Technical requirement for environmental labeling products -
Disinfecting tableware cabinet
(English Translation)**

Issued on: July 12, 2018

Implemented on: October 1, 2018

Issued by: Ministry of Ecology and Environment

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Foreword

In order to implement the Environmental Protection Law of the People's Republic of China, reduce the environment for the production, use and recycling of utensil disinfection cabinets.

And the impact of human health, the development of this standard.

This standard proposes a ring for the environmental design, production, use, reuse, packaging, recycling and product description of the utensil disinfection cabinet.

Environmental protection requirements.

This standard is the first release.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Ecology and Environment.

This standard is mainly drafted by. China-Japan Friendship Environmental Protection

Center, Ningbo Product Quality Supervision and Inspection Institute.

This standard is approved by the Ministry of Ecology and Environment on July 12, 2018.

This standard has been implemented since October 1, 2018.

This standard is explained by the Ministry of Ecology and Environment.

Environmental labeling product technical requirements

1 Scope of application

This standard specifies the terms and definitions, basic requirements, technical contents and inspection methods of environmental labeling products for food disinfection cabinets.

This standard applies to household and similar use utensils disinfection cabinets.

This standard does not apply to.

- Disinfection cabinets that are only sterilized by ultraviolet radiation;
- Other disinfection cabinets that do not use utensils for disinfection, such as towel disinfection cabinets;
- Disinfection cabinet for medical use.

2 Normative references

The contents of this standard refer to the terms in the following documents. For undated references, the latest edition applies to this standard.

GB 17988 Food and Beverage Disinfection Cabinet Safety and Hygienic Requirements
GB/T 16288 logo for plastic products GB/T 18455 packaging recycling mark GB/T 23685
General technical requirements for recycling of waste electrical and electronic products
GB/T 26572 Limit requirements for restricted substances in electrical and electronic
products GB/T 29784.2 Determination of polycyclic aromatic hydrocarbons - Part 2. Gas
chromatography - mass spectro GB/T 29786 Determination of phthalates in electrical and
electronic products - Gas chromatography - mass spectrometry GB/T 32355.2 Evaluation of
the recyclability of electric and electronic products - Part 2. Washing machines, televisions
and microcomputers GB/T 35758 household appliance standby power measurement
method HJ 2537 Environmental Labeling Product Technical Requirements Waterborne
Coatings

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Disinfecting of tableware

Kill or remove residual pathogenic microorganisms from cleaned natural utensils to achieve harmless treatment.

[GB 17988-2008, definition 3.101]

3.2 Disinfecting tableware cabinet

Appropriate volume and equipment, using physical, chemical or a combination of both to disinfect utensils. It has a place to place utensils One or more compartments.

[GB 17988-2008, definition 3.102]

3.3 Recycling rate recycling rate

The sum of the mass of the reusable part and the recycled part (excluding the energy recovery part) expected in the electrical and electronic products the percentage of total mass of electrical and electronic products.

[GB/T 32355.2-2015, definition 3.1]

3.4 Shutdown mode off made

When the product's power supply is connected to the mains, no standby mode, network mode, or active mode appears, and any Product model. Only the indicator that the user's product is in the shutdown position is included in the category of the shutdown mode.

[GB/T 35758 -2017, definition 3.5]

3.5 Standby mode standby mode

The energy-using appliance provides one or more of the following user-oriented or protection functions when connected to the main power source, and is continuous for any Product model.

- Other modes (including active) can be triggered by triggering remote switches (including remote control), internal sensors, and timers Mode is on or off);
- Continuous function. information or status display including the clock;
- Continuous function. sensor based function [GB/T 35758-2017, definition 3.6]

4 Basic requirements

4.1

The product should meet the requirements of the corresponding quality, safety and hygiene

standards.

4.2

Pollutant emissions from product manufacturing enterprises shall comply with national and local standards for pollutant discharge.

4.3

Product manufacturers should strengthen clean production in the production process.

5.1.1 Easy to recycle design

5.1.1.1

The product recyclability should be no less than 75%.

5.1.1.2

Plastic parts with a mass greater than 25g or a surface area exceeding 200mm² shall be marked in accordance with the requirements of GB/T 16288.

5.1.2 Restricted/disabled substance requirements

5.1.2.1

Lead (Pb), cadmium (Cd), mercury (Hg), hexavalent chromium (Cr6), polybrominated biphenyls (PBBs) and polybrominated diphenyl ethers (PBDEs) in products the content should meet the requirements of GB/T 26572.

5.1.2.2

Products with UV disinfection function, the mercury content in the UV lamp used is not more than 15mg per lamp.

5.1.2.3

The product shell, the substrate of the circuit board, and the power cord do not use short-chained chlorinated paraffins (SCCPs), and the content should be no more than the plastic zero.

0.1% of the total parts.

5.1.2.4

Except for sealing parts, plastic parts with a mass greater than 25g do not use chlorine-containing polymers; do not contain tris(2-chloroethyl) Ester (TCEP), tris(2-chloropropyl) phosphate (TCPP), tris(2,3-dichloropropyl) phosphate (TDCP) and hexabromocyclohexane A flame retardant for dodecane.

5.1.2.5

Except for the power cord, the phthalate esters listed in Appendix A are not used in plastic