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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

ICS 71.100.40

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GB/T 34855-2017

Hand cleaner

洗手液

Issued on: November 01, 2017

Implemented on: May 01, 2018

Issued by: General Administration of Quality Supervision, Inspection and Quarantine;

Standardization Administration of the People's Republic of China.

Table of Contents

Foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Production classification and marking.....	4
4 Requirements.....	5
5 Test methods.....	6
6 Inspection rules.....	7
7 Identification, packaging, transportation and storage.....	7

Hand cleaner

1 Scope

This Standard specifies product classification and marking, requirements, test methods, inspection rules, identification, packaging, transportation and storage for hand cleaner.

This Standard is applicable to products formulated with surfactants as active ingredients for hand cleaning.

This Standard is not applicable to non-washable products.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 6682, *Water for analytical laboratory use - Specification and test methods*

GB/T 13173-2008, *Surface active agents - Detergents - Testing methods*

GB/T 26396-2011, *Technical specification for safety of soaps and detergents*

QB/T 2951, *Inspecting rules for detergent products*

QB/T 2952, *Requirements for detergent marks and packaging*

Cosmetic Safety Technical Specifications (Edition 2015) by China Food and Drug Administration

3 Production classification and marks

3.1 Product classification

Hand cleaner products are divided into ordinary type and concentrated type.

3.2 Product marks

See Table 1 for the product marking method.

^b The pH test concentration is 1:10 (mass ratio).
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4.3 Hygiene requirements

The requirements for limit values of product microbiological indicators (total number of colonies, total number of molds and yeasts, heat-resistant coliforms, *Staphylococcus aureus*, *Pseudomonas aeruginosa*), harmful substances (mercury, lead, arsenic, cadmium, methanol, dioxane) shall comply with *Cosmetic Safety Technical Specifications (Edition 2015)*.

5 Test methods

Unless otherwise specified, in the analysis, it shall only use the confirmed analytically-pure reagent AND grade 3 water or above specified in GB/T 6682-2008.

5.1 Appearance

Measure not less than 200mL of sample. Place in a dry and clean colorless wide-mouth glass bottle with stopper. Observe under non-direct light conditions.

5.2 Odor

Take an appropriate amount of sample. Smell for identification.

5.3 Stability

Measure 2 portions of samples, not less than 100mL each. Respectively place in 250mL wide-mouth glass bottles with colorless stoppers. One portion is placed in an incubator at $(40\pm 2)^{\circ}\text{C}$ for 24h. Take out the sample. After returning to room temperature, conduct comparison analysis with the pre-test sample. The other portion is placed in the refrigerator at $(-5\pm 2)^{\circ}\text{C}$ for 24h. Take out the sample. After returning to room temperature, conduct comparison analysis with the pre-test sample.

5.4 Total effective substance

Unless otherwise specified, the measurement shall be carried out according to Method A specified in Clause 7 of GB/T 13173-2008.

5.5 pH

In accordance with the method specified in *Cosmetic Safety Technical Specifications (Edition 2015)*.

5.6 Formaldehyde

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