

QB/T 2654-2013

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Hand Cleaner

洗手液

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Hand Cleaner

1 Scope

This Standard specifies the product classification and labelling, requirements, test methods, inspection rules, marking, packaging, transportation, storage and shelf life of hand cleaner.

This Standard is applicable to cleaning products which are mainly formulated by surfactants and conditioning agents and have the function of cleaning skin.

This Standard is not applicable to non-washable products.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 13173-2008 Surface Active Agents - Detergents - Testing Methods (ISO 607-1980, ISO 2996-1974, MOD)

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

JJF 1070 The Rules of Metrological Inspection for Net Content of Prepackaged Commodity with Fixed Content

Measures for the Supervision and Administration of Measurement of Quantitative Packaging Commodities -- State Administration of Quality Supervision, Inspection and Quarantine – [2005] Order No.75

No.1 WJDF [2007] *Hygienic Specifications for Cosmetics* (2007 Edition)

3 Product Classification and Labelling

3.1 Product classification

Generally, it shall be tested according to the Method A specified in Clause 7 of GB/T 13173-2008.

When the product formulation contains a surfactant component that is insoluble to ethanol, or the customer-supplier ordering contract specifies that the test result of the total effective substance content does not include water latent solvent; and when it is required to be determined by chloroform extraction method, it shall be in accordance with Method B in Clause 7 of GB/T 13173-2008.

5.5 pH

It shall be tested according to the method specified in No.1 WJDF [2007] *Hygienic Specifications for Cosmetics* (2007 Edition)

The test temperature is 25°C. It is prepared with freshly boiled and cooled distilled water. The mass concentration of the test solution is 10%. It is measured after mixing.

5.6 Mercury, lead, arsenic and microorganisms

It shall be tested according to the method specified in No.1 WJDF [2007] *Hygienic Specifications for Cosmetics* (2007 Edition).

5.7 Net content

It shall be tested according to JJF 1070.

6 Inspection Rules

It shall be implemented as per the provisions of QB/T 2951.

The exit-factory inspection items include the sensory indicators, stability in physical and chemical indicators, pH, microbiological indicators specified in Table 2, and 4.3.

The type-inspection items include all items specified in Clause 4. If the requirements for the raw material indicators in 4.1 are known, it can be neglected during the normal production and usage period.

7 Marking, Packaging, Transportation and Storage

7.1 Marking and packaging

It shall be implemented according to the provisions of QB/T 2952.

When the formulation uses the surfactant that is insoluble to ethanol, or the chloroform extraction method is required to determine the total effective substance, it shall be

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