

DRAFT TANZANIA STANDARD

Skin cleanser – specification

TANZANIA BUREAU OF STANDARDS

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Foreword

This Draft Tanzania Standard was published under the authority of the Board of Directors of Tanzania Bureau of Standards.

Tanzania Bureau of Standards (TBS) is the statutory national standards body for Tanzania established by the Standards Act Cap. 130.

Tanzania Standards are developed through Technical Committees that are representative of key stakeholders including government, academia, consumer groups, private sector and other interested parties. The Technical Committees work under the supervision of Divisional (sectoral) Committees. The Standards are developed in accordance with the Guide and Procedure for Development of Tanzania Standards and TZS 0, Guide for presentation of Tanzania Standards.

Tanzania Standards are subject to review, to keep pace with science and technological advances. Users of the Tanzania Standards are therefore expected to ensure that they always have the latest versions of the standards they are implementing.

This Tanzania Standard was developed under the supervision of the Chemicals Divisional Standards Committee (CDC). The Technical Committee responsible for the standard is CDC 3 Cosmetics and creameries.

The reporting of the results of a test or analysis made in accordance with this Tanzania Standard, if the final value observed or calculated is to be rounded off, shall be done in accordance with TZS 4.

Skin cleanser - specification

1 Scope

This Draft Tanzania Standard specifies requirements, sampling and test methods for skin cleanser for cosmetic purposes.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

TZS 119/ISO 4831, *Microbiology of food and animal feeding stuffs – Horizontal method for detection and enumeration of coliforms – Most probable number technique*

TZS 314, *Cosmetics and toilet products – Methods of sampling*

TZS 638/EAS 377 (All parts), *Cosmetic and cosmetic products*

TZS 676-1/ISO 2871-1, *Surface active agents – Detergents – Determination of cationic-active matter content – Part 1 – High molecular-mass cationic-active matter*

TZS 676-2/ISO 2871-2, *Surface active agents – Detergents – Determination of cationic-active matter content – Part 2 – Cationic active matter of low molecular mass (between 200 and 500)*

TZS 774/EAS 346, *Labelling of cosmetic products – General requirements*

TZS 1824/ISO 21149, *Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria*

TZS 1826/ISO 22717, *Cosmetics — Microbiology — Detection of pseudomonas aeruginosa*

TZS 1827/ISO 22718, *Cosmetics — Microbiology — Detection of Staphylococcus aureus*

TZS 1830/ISO 18416, *Cosmetics — Microbiology — Detection of candida albicans*

TZS 1829/ISO 16212, *Cosmetics — Microbiology — Enumeration of yeast and mould*

TZS 2126/EAS 846, *Glossary of terms relating to the cosmetic industry*

TZS 2127-16/EAS 847-16, *Cosmetics — Analytical methods — Part 16: Determination of lead, mercury and arsenic content*

TZS 2127-17/EAS 847-17, *Cosmetics — Analytical methods — Part 17: Determination of pH.*

TZS 2127-28/EAS 847-28, *Cosmetics — Analytical methods — Part 28: Determination of free caustic alkali*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in ISO 862, TZS 2126/EAS 846 and the following shall apply

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

Skin cleanser

cosmetic preparation containing surface-active agents (such as surfactants, detergents, or emulsifiers) designed to lower surface tension and gently remove impurities including dirt, excess oil, sebum, dead skin cells, makeup, sunscreen, and microorganisms from the skin's surface without disrupting its natural protective barrier

4 Requirements

4.1 General requirements

4.1.1 All ingredients used in the manufacture of skin cleanser, including dyes, pigments and colours, and preservatives shall comply with all parts of TZS 638/EAS 377.

4.1.2 The skin cleanser shall be uniform in colour and appearance or a stable emulsion, without phase separation, precipitation, or foreign particulate matter.

4.1.3 The skin cleanser shall not cause adverse dermatological reactions, sensitization, or skin barrier disruption when used according to instructions.

4.2 Specific requirements

The skin cleanser shall comply with the specific requirements given in Table 1 when tested in accordance with the test methods specified therein.

Table 1 — Specific requirements for skin cleanser

S/N	Characteristic	Requirement	Test method
i.	Active matter (surfactants), % m/m. <i>min</i>	6	TZS 676-1/ISO: 2871-1 TZS 676-2/ISO: 2871-2
ii.	pH neat	4.0 – 7.0	TZS 2127-17/EAS 847-17

4.3 Microbiological requirements

The skin cleanser shall comply with the microbiological limits given in Table 2 when tested in accordance with the test methods specified therein.

Table 2 — Microbiological limits for skin cleanser

Characteristic	Limit	Test method
Total viable count for aerobic mesophilic micro-organisms per g, max.	1 000	TZS 1824/ISO 21149
<i>Pseudomonas aeruginosa</i>	Not detectable in 0.5 g of cosmetic product	TZS 1826/ISO 22717
<i>Staphylococcus aureus</i>		TZS 1827/ISO 22718
<i>Candida albicans</i>		TZS 1830/ISO 18416
Total Coliforms	Not detected	TZS 119/ISO 4831
Yeast and moulds	Not detected	TZS 1829/ISO 16212

4.5 Heavy metals

The skin cleanser shall comply with the limits for heavy metal contaminants given in Table 3 when tested in accordance with the test methods specified therein.

Table 3 — Heavy metal limits for skin cleanser confirm with TZS 2122-1: 2025/EAS 835-1: 2022

Heavy metal	Maximum limit mg/kg	Test method
Lead	10.0	TZS 2127-16/EAS 847-16
Arsenic	2.0	
Mercury	1.0	

6 Packaging

The skin cleanser shall be packaged in suitable containers and sealed in a manner to ensure the safety and quality throughout the shelf life of the product.

7 Labelling

In addition to the labelling requirements in TZS 774/EAS 346, the package shall be legibly and indelibly marked with the following information:

- product name as “skin cleanser/facial cleanser/facial wash and alike”
- instructions for use and storage, and
- caution statement (if applicable).

8 Sampling

Sampling shall be done in accordance with TZS 314.

Bibliography

TZS 2122-1: 2025/EAS 835-1: 2022 *Bath preparations — Part 1: Synthetic detergent-based foam baths and shower gels — Specification*

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