

**SAUDI STANDARDS, METROLOGY AND
QUALITY ORGANIZATION**

Project No. 32827 /2023

Floor Freshener

ICS 71.100.01

THIS DOCUMENT IS A DRAFT SAUDI STANDARD CIRCULATED FOR COMMENT. IT IS, THEREFORE SUBJECT TO CHANGE AND MAY NOT BE REFERRED TO AS A SAUDI STANDARD UNTIL APPROVED BY THE BOARD OF DIRECTORS.



FLOOR FRESHENER

1. SCOPE AND FIELD OF APPLICATION

This Saudi standard is concerned with the requirements of Floor Freshener Liquid

2. COMPLEMENTARY REFERENCES

- 2.1 SASO ISO 4316 "Surface active agents -- Determination of pH of aqueous solutions -- Potentiometric method"
- 2.2 SASO 126 "Determination of kinematic viscosity of transparent and opaque liquids and the calculation of dynamic viscosity"

3. DEFINITIONS

- 3.1 **Floor Freshener Liquid:** It's a liquid used for masking bad odors, refreshing and providing long lasting freshness to floors and surfaces.

4. REQUIREMENTS

Floor Freshener product shall fulfill the following:

- 4.1 The material shall be homogeneous and it may be suitably colored.
- 4.2 It shall have a characteristic agreeable odor and shall be capable of remove any unwanted odor.
- 4.3 The material shall contain perfume and any necessary emulsifying agents, preservative, and other desirable additives.
- 4.4 The product shall not cause deterioration of flooring surfaces or other harmful effects than water used in the same conditions. When used as directed by the manufacturer.
- 4.5 The material shall be Viscous or Non-Viscous
- 4.6 The product shall be miscible in water in all proportions.
- 4.7 The product shall be stable, and not deteriorate in storage when kept in its original unopened container at temperature 25°C for a period of at least one year from the date of manufacture.

5. SAMPLING

- 5.1 Samples shall be taken in an environment not exposed to damp air and dust.
- 5.2 The instrument used for sampling must be clean and dry.
- 5.3 The samples shall be kept in dry and clean suitable containers.
- 5.4 The container shall be equipped with a tightly closed cover which is permeable to air and shall be labelled with the information.
- 5.5 Samples shall be kept in closed place and shall not be exposed to the light at room temperature.
- 5.6 Each consignment shall be divided into similar groups having the same size, batch number and date of production.
- 5.7 From each group, a number of units shall be drawn at random according to Table (1).

Table (1) Number of units to be drawn from each group

Group size	No. of drawn unit
3 – 50	3
51 – 200	4
201 – 400	5
401 – 650	6
over 650	7

6. PACKING

The product shall be packed in suitable tightly closed containers that do not affect or be affected by the product.

7. TEST METHODS

- 7.1 Appearance
- 7.2 Determination of the PH
- 7.3 Determination of the Viscosity
- 7.4 Determination of Specific Gravity

8. MARKING

Each container and large container of the product shall be legibly and indelibly marked with the following information in Arabic or both Arabic and English.

- 8.1 Name of the product.
- 8.2 Name and address of manufacturer and/or his trademark.
- 8.3 Ingredients and perfume allergen compounds .
- 8.4 Net weight or volume of the product.
- 8.5 Batch number, production and Expiry date
- 8.6 Country of origin.
- 8.7 Instructions of storage and use.
- 8.8 Warning phrase shall be marked on the bottle:
 - 8.8.1 Keep out of reach of children .
 - 8.8.2 In case of accidental contact with eyes and skin, wash off immediately with water and seek medical advice.
 - 8.8.3 If swallowed, seek medical immediately.
 - 8.8.4 Do not use the empty bottle
 - 8.8.5 The word 'CAUTION' shall be in a colour that contrasts with the surrounding for easy visibility and shall be followed with the statement, 'READ LABEL BEFORE USE.'