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**Essential oils — General requirements  
and guidelines for packaging,  
conditioning and storage**

*Huiles essentielles — Exigences générales et recommandations en  
matière d'emballage, de conditionnement et de stockage*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This first edition cancels and replaces ISO/TS 210:2014, which has been technically revised.

The main changes are as follows:

- addition of [Clause 2](#) (Normative references) and [Clause 3](#) (Terms and definitions);
- revision of the Bibliography.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Essential oils — General requirements and guidelines for packaging, conditioning and storage

## 1 Scope

This document describes the requirements for containers which are intended for containing essential oils. It also provides some general requirements and guidelines relating to the conditioning and storage of essential oils.

Essential oils are used for different purposes:

- food use;
- pharmaceutical use;
- perfumery and cosmetic use;
- reference samples or test samples;
- industrial raw materials.

It is expected that the containers used for essential oils also meet the requirements of national or international regulations.

This document describes the materials which are used for the containers intended for containing essential oils, depending on the uses listed above.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

No terms and definitions are listed in this document.

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

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

## 4 Composition of the containers

### 4.1 General

Essential oils shall be packed in containers which, by their nature, do not cause alteration of the product and which protect it against any external attack.

Generally, the container materials shall be inert towards the packed product so as to prevent any simultaneous damage of the product and of the material.