General principles for manufacturing, filling and holding e-liquids for prefilled containers or products

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 17647:2022 sisaldab Euroopa standardi EN 17647:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 17647:2022 consists of the English text of the European standard EN 17647:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 27.07.2022.	Date of Availability of the European standard is 27.07.2022.
Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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EUROPEAN STANDARD

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English Version

General principles for manufacturing, filling and holding e-liquids for prefilled containers or products

Principes généraux de fabrication, de remplissage et de conservation des e-liquides pour les récipients de recharge ou les cartouches préremplies

Allgemeine Grundsätze für die Herstellung, Abfüllung und Aufbewahrung von E-Liquids für vorgefüllte Behälter oder Produkte

This European Standard was approved by CEN on 13 June 2022.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 17647:2022) has been prepared by Technical Committee CEN/TC 437 “Electronic cigarettes and e-liquids”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2023, and conflicting national standards shall be withdrawn at the latest by January 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

E-liquid is a term describing liquid either prefilled in vaping products, or available in other forms so that consumers can fill the reservoirs or soak the wicking material of vaping products. E-liquids might or might not contain nicotine. In either case, they generally contain glycerol and/or propylene glycol together with additional flavouring components. E-liquids are intended to be aerosolised for inhalation by the user.

This document establishes the general principles for manufacturing, filling and holding e-liquids for prefilled containers or products.

The content is applicable to manufacturers and distributors in Europe and forms a guide for regulators, enforcement authorities and commercial operators in the area. It is also applicable to consultancies, laboratories and testing houses engaged in or advising on, the manufacturing of e-liquids and e-liquid components.

This document can provide state of the art guidance; however, in cases where national regulations currently exist, said regulations take precedence over this document.

1 Scope

This document establishes the general principles for manufacturing, filling and holding e-liquids for prefilled containers or products.

FprCEN/TS 17633[1] and FprEN 17648[2] are intended to be used in conjunction with this document.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

— IEC Electropedia: available at https://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

3.1
batch number
unique number which identifies a specific product batch

3.2
batch specification
document itemizing the inputs and processes for manufacturing a specific product batch that can be used for batch traceability purposes

3.3
contamination
presence of an unwanted and unintended substance or material

3.4
e-liquid
base liquid, which might or might not contain nicotine and/or other ingredients, intended for transformation into an aerosol by a vaping product

3.5
e-liquid cartridge
e-liquid container that can be loaded directly into a vaping product, which can be disposable

3.6
e-liquid homogeneity
variation of property values of the e-liquid, either between separate containers of e-liquid, or to variations within each container

[1] Under preparation. Stage at the time of publication: FprCEN/TS 17633:2022.
[2] Under preparation. Stage at the time of publication: FprEN 17648:2022.