



SLOVENSKI STANDARD
oSIST prEN 17131-1:2024
01-november-2024

**Tekstilije in tekstilni izdelki - Določevanje nekaterih preostalih topil - 1. del:
Določevanje aprotičnih topil, metoda z uporabo plinske kromatografije**

Textiles and textile products - Determination of certain residual solvents - Part 1:
Determination of aprotic solvents, method using gas chromatography

Textilien und textile Erzeugnisse - Bestimmung bestimmter Lösungsmittelrückstände –
Teil 1: Bestimmung aprotischer Lösungsmittel, Verfahren mittels Gaschromatographie

Textiles et produits textiles - Détermination de certains solvants résiduels - Partie 1 :
Détermination des solvants aprotiques, méthode par chromatographie en phase gazeuse

Ta slovenski standard je istoveten z: prEN 17131-1

oSIST prEN 17131-1:2024

ICS:

59.080.01	Tekstilije na splošno	Textiles in general
71.040.50	Fizikalnokemijske analitske metode	Physicochemical methods of analysis

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EUROPEAN STANDARD
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Will supersede EN 17131:2019

English Version

Textiles and textile products - Determination of certain residual solvents - Part 1: Determination of aprotic solvents, method using gas chromatography

Textiles et produits textiles - Détermination de certains solvants résiduels - Partie 1 : Méthode par chromatographie en phase gazeuse

Textilien und textile Erzeugnisse - Bestimmung bestimmter Lösemittelrückstände - Teil 1: Bestimmung aprotischer Lösemittel, Verfahren mittels Gaschromatographie

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 248.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (prEN 17131-1:2024) has been prepared by Technical Committee CEN/TC 248 “Textiles and textile products”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document supersedes EN 17131:2019.

prEN 17131-1:2024 includes the following significant technical changes with respect to EN 17131:2019:

- the title has been changed;
- *N,N*-dimethylacetamide (DMAC) and *N*-methyl-2-pyrrolidone (NMP) have been included in the Introduction;
- Clause 1: The scope has been extended to include the analytes DMAC, NMP and NEP;
- Clause 5: DMAC, NMP and NEP have been added;
- 5.8: The descriptions of the preparation of stock solutions have been changed in order to consider the additional analytes DMAC, NMP and NEP;
- 8.2: The description of the determination with GC-MS has been changed in order to consider the additional analytes DMAC, NMP and NEP;
- 9.1: The headline has been added and the description of the calculation has been changed in order to consider the additional analytes DMAC, NMP and NEP;
- 9.2: Precision of the method including the limit of quantification of the test method has been added;
- Clause 10 has been rephrased;
- Annex A has been extended to include the analytes DMAC, NMP and NEP;
- Annex B: Reliability of the method has been added including certain statistical data of an interlaboratory trial to determine the reliability of the method.

This document is part of a series of documents:

EN 17131-1¹, *Textiles and textile products — Determination of certain residual solvents — Part 1: Determination of aprotic solvents, method using gas chromatography*

EN 17131-2², *Textiles and textile products — Determination of certain residual solvents — Part 2: Determination of benzene, method using headspace gas chromatography*

A list of all parts in a series can be found on the CEN website: www.cencenelec.eu.

¹ Under preparation. Stage at the time of CEN Enquiry: prEN 17131-1:2024.

² Under preparation. Stage at the time of CEN Enquiry: FprEN 17131-2:2024 under preparation for FV.

prEN 17131-1:2024 (E)

Introduction

In Europe according to Regulation (EU) 2018/1513 amending Annex XVII to Regulation (EC) No 1907/2006 (REACH) by Entry 72 [1], (a) clothing or related accessories; (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing; (c) footwear are not to be placed on the market after 1 November 2020, if they contain more than 3 000 mg/kg of *N,N*-dimethylformamide (DMF), *N,N*-dimethylacetamide (DMAC) or *N*-methyl-2-pyrrolidone (NMP).

This restriction does not apply to: (a) clothing, related accessories or footwear, or parts of clothing, related accessories or footwear, made exclusively of natural leather, fur or hide; (b) non-textile fasteners and non-textile decorative attachments; (c) second-hand clothing, related accessories, textiles other than clothing or footwear; (d) wall-to-wall carpets and textile floor coverings for indoor use, rugs and runners. It also does not apply to clothing, related accessories, textiles other than clothing, or footwear within the scope of Regulation (EU) 2016/425 on personal protective equipment or Regulation (EU) 2017/745 on medical devices. The restriction on textiles other than clothing does not apply to disposable textiles. “Disposable textiles” means textiles that are designed to be used only once or for a limited time and are not intended for subsequent use for the same or a similar purpose.

Although the Regulation [1] excludes non-textile fastenings and decorative items, this document is also suitable for such components.

WARNING — The use of this document involves hazardous materials. It does not purport to address all of the safety or environmental problems associated with its use. It is the responsibility of users of this document to take appropriate measures to ensure the safety and health of personnel and the environment prior to application of the document and fulfil statutory and regulatory requirements for this purpose.

Document Preview

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