



BSI Standards Publication

Products used for treatment of water intended for human consumption — Powdered diatomaceous earth

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National foreword

This British Standard is the UK implementation of EN 12913:2012. It supersedes BS EN 12913:2005 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CII/59, Chemicals for drinking water treatment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Supersedes EN 12913:2005

English Version

Products used for treatment of water intended for human consumption - Powdered diatomaceous earth

Produits utilisés pour le traitement de l'eau destinée à la consommation humaine - Terre de diatomées en poudre

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Kieselgur, pulverförmig

This European Standard was approved by CEN on 9 September 2012.

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Foreword

This document (EN 12913:2012) has been prepared by Technical Committee CEN/TC 164 “Water supply”, 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of an identical text or by endorsement, at the latest by May 2013, and conflicting national standards shall be withdrawn at the latest by May 2013.

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

This document supersedes EN 12913:2005.

The significant technical difference between this edition and EN 12913:2005 is as follows:

— Updating of 9.2 in line with current legislation.

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

In respect of potential adverse effects on the quality of water intended for human consumption caused by the product covered by this European Standard:

- a) this European Standard provides no information as to whether the product may be used without restriction in any of the Member States of the EU or EFTA;
- b) it should be noted that, while awaiting the adoption of verifiable European criteria, existing national regulations concerning the use and/or the characteristics of this product remain in force.

NOTE Conformity with this European Standard does not confer or imply acceptance or approval of the product in any of the Member States of the EU or EFTA. The use of the product covered by this European Standard is subject to regulation or control by National Authorities.

1 Scope

This European Standard is applicable to powdered diatomaceous earth used for treatment of water intended for human consumption. It describes the characteristics of powdered diatomaceous earth and specifies the requirements and the corresponding test methods for powdered diatomaceous earth and gives information on its use in water treatment. It also determines the rules relating to safe handling and use of powdered diatomaceous earth (see Annex B).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12901:1999, *Products used for treatment of water intended for human consumption — Inorganic supporting and filtering materials — Definitions*

EN 12902, *Products used for treatment of water intended for human consumption — Inorganic supporting and filtering materials — Methods of test*

3 Terms, definitions and symbols

For the purposes of this document, the terms, definitions and symbols given in EN 12901:1999 apply.

4 Description

4.1 Identification

4.1.1 Chemical name

Not applicable.

4.1.2 Synonym or common names

Diatomite, Kieselguhr, Diatomaceous earth, Calcined diatomite, Flux calcined diatomite.

4.1.3 Chemical formula

Not applicable.

4.1.4 CAS Registry numbers ¹⁾

- 61 790-53-2 Dry and ground;
- 91 053-39-3 Diatomaceous calcined;
- 68 855-54-9 Flux calcined.

¹⁾ Chemical Abstracts Service Registry Number.