BRITISH STANDARD

BS EN 12518:2000

Chemicals used for treatment of water intended for human consumption — High-calcium lime

The European Standard EN 12518:2000 has the status of a British Standard

ICS 71.100.80

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

Documents
Document Sharing Hub

Full document details: BS EN 12518:2000

National foreword

This British Standard is the official English language version of EN 12518:2000.

The UK participation in its preparation was entrusted to Technical Committee CII/59, Chemicals for drinking water treatment, which has the responsibility to:

— aid enquirers to understand the text;

— present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;

— monitor related international and European developments and promulgate them in the UK.

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

Additional information

Article 8 of the Council of the European Community Directive 80/778/EEC relating to the quality of water intended for human consumption requires Member States to ensure that substances used in the preparation of drinking water do not cause any contravention of the maximum admissible concentrations prescribed in annex 1 to the Directive.

This requirement is given effect in England and Wales by regulation 25 of the Water Supply (Water Quality) Regulations 1989 (similar provisions apply in Scotland and Northern Ireland). Regulation 25 makes provision for attaching conditions of use to chemicals and filter media that are authorized for use in public water supplies.

Details of conditions of use are contained in the Secretary of State's List of Approved Products published by the Drinking Water Inspectorate, Floor 2/A1, Ashdown House, 123 Victoria Street, London SW1E 6DE (www.dwi.detr.gov.uk/list/index/htm).

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled "International Standards Correspondence Index", or by using the "Find" facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 15 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Sector Committee for Materials and Chemicals, was published under the authority of the Standards Committee and comes into effect on 15 October 2000

© BSI 10-2000

ISBN 0 580 36113 6

Amendments issued since publication

Amd. No.	Date	Comments

Documents
Document Sharing Hub

Full document details: BS EN 12518:2000

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12518

May 2000

ICS 71.100.80

English version

Chemicals used for treatment of water intended for human consumption - High-calcium lime

Produits chimiques pour le traitement de l'eau destinée à la consommation humaine - Chaux

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Weißkalk

This European Standard was approved by CEN on 3 April 2000.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

© 2000 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

Ref. No. EN 12518:2000 E

Documents
Document Sharing Hub

Full document details: BS EN 12518:2000

Contents

Page

Foreword ... 3

Introduction ... 4

1 Scope ... 5

2 Normative reference ... 5

3 Description ... 5
3.1 Identification ... 5
3.2 Commercial forms ... 6
3.3 Physical properties ... 6
3.4 Chemical properties ... 8

4 Purity criteria ... 8
4.1 General ... 8
4.2 Composition of commercial product ... 8
4.3 Impurities ... 9
4.4 Water insoluble matter ... 9
4.5 Toxic substances ... 9
4.6 Free water ... 10

5 Test methods ... 10
5.1 Sampling ... 10
5.2 Analyses ... 10

6 Labelling - Transportation - Storage ... 10
6.1 Means of delivery ... 10
6.2 Risk and safety labelling according to the EU directives ... 11
6.3 Transportation regulations and labelling ... 11
6.4 Marking ... 12
6.5 Storage ... 12

Annex A (informative) General information on high-calcium limes ... 13

Annex B (normative) General rules relating to safety ... 14

Bibliography ... 15

© BSI 10-2000

Documents
Document Sharing Hub
Full document details: BS EN 12518:2000

Foreword

This European Standard 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 November 2000, and conflicting national standards shall be withdrawn at the latest by November 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Annex A is informative.

Annex B is normative.

© BSI 10-2000

Documents
Document Sharing Hub

Full document details: BS EN 12518:2000

Introduction

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

a) This standard provides no information as to whether the product may be used without restriction in any of 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 characteristics of this product remain in force.

© BSI 10-2000

Documents
Document Sharing Hub

Full document details: BS EN 12518:2000