

Chemicals used for treatment of swimming pool water - Chlorine

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English Version

Chemicals used for treatment of swimming pool water - Chlorine

Produits chimiques utilisés pour le traitement de l'eau des
piscines - Chlore

Produkte zur Aufbereitung von Schwimm- und
Badebeckenwasser - Chlor

This European Standard was approved by CEN on 20 March 2014.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 15363:2014) 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of an identical text or by endorsement, at the latest by November 2014 and conflicting national standards shall be withdrawn at the latest by November 2014.

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 15363:2007.

The significant technical difference between this edition and EN 15363:2007 is as follows:

- updating of 6.2 in line with current legislation.

According to the CEN-CENELEC Internal Regulations, the national standards organizations 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 the potential adverse effects on the quality of swimming pool water caused by the product covered by this document:

- a) this document 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 1 Conformity with this document 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 document is subject to regulation or control by National Authorities.

NOTE 2 This product which is a biocide will comply with the relevant legislation in force. In the European Union, at the time of publication, this legislation is Directive 98/8/EC [1].

1 Scope

This European Standard is applicable to chlorine used for the treatment of swimming pool water. It describes the characteristics of chlorine and specifies the requirements and the corresponding test methods for chlorine. It provides information on its use in swimming pool water treatment and determines the rules relating to safe handling and use of chlorine (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 937, *Chemicals used for treatment of water intended for human consumption — Chlorine*

3 Description

3.1 Identification

3.1.1 Chemical name

Chlorine.

3.1.2 Synonym or common name

Liquid chlorine.

3.1.3 Relative molecular mass

70,91.

3.1.4 Empirical formula

Cl₂.

3.1.5 Chemical formula

Cl₂.

3.1.6 CAS Registry Number¹⁾

7782-50-5.

3.1.7 EINECS reference²⁾

231-959-5.

¹⁾ Chemical Abstracts Service Registry Number.

²⁾ European Inventory of Existing Commercial Chemical Substances.