BS EN 16400:2013



BSI Standards Publication

Chemicals used for treatment of swimming pool water — Hydrogen peroxide



BS EN 16400:2013 BRITISH STANDARD

National foreword

This British Standard is the UK implementation of EN 16400:2013.

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.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Chemicals used for treatment of swimming pool water - Hydrogen peroxide

Produits chimiques utilisés pour le traitement de l'eau des piscines - Peroxyde d'hydrogène

Produkte zur Aufbereitung von Schwimm-und badebeckenwasser - Wasserstoffperoxid

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Foreword

This document (EN 16400:2013) 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of an identical text or by endorsement, at the latest by June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

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Introduction

In respect of potential adverse effects on the quality of water for swimming pools, caused by the product covered by this European Standard:

- 1) 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;
- 2) 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 only to hydrogen peroxide and not to mixtures with other chemicals used for treatment of swimming pool water. It describes the characteristics of hydrogen peroxide and specifies the requirements and the corresponding test methods for hydrogen peroxide. It gives information on its use in swimming water treatment. It also determines the rules relating to safe handling and use (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 902, Chemicals used for treatment of water intended for human consumption — Hydrogen peroxide

3 Description

3.1 Identification

3.1.1 Chemical name

Hydrogen peroxide

3.1.2 Synonym or common name

None

3.1.3 Relative molecular mass

34,02

3.1.4 Empirical formula

 H_2O_2

3.1.5 Chemical formula

 H_2O_2

3.1.6 CAS Registry Number 1)

7722-84-1

¹⁾ Chemical Abstracts Service Registry Number.