

| | | |
|------------|---|--|
| STN | Chemikálie používané na úpravu vody v bazénoch. Chlorid sodný na elektrochlorináciu. | STN EN 16401 75 8424 |
|------------|---|--|

Chemicals used for treatment of swimming pool water - Sodium chloride used for electrochlorinator systems

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Obsahuje: EN 16401:2013

118700

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2014
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

ICS 71.100.80

English Version

Chemicals used for treatment of swimming pool water - Sodium chloride used for electrochlorinator systems

Produits chimiques utilisés pour le traitement de l'eau des piscines - Chlorure de sodium utilisé avec les systèmes d'électrochloration

Produkte zur Aufbereitung von Schwimm- und Badebeckenwasser - Natriumchlorid für den Einsatz in Anlagen zur elektrochemischen Erzeugung von Chlor

This European Standard was approved by CEN on 14 September 2013.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

| Contents | | Page |
|--|--|-------------|
| Foreword..... | | 3 |
| Introduction | | 4 |
| 1 Scope | | 5 |
| 2 Normative references | | 5 |
| 3 Description | | 5 |
| 3.1 Identification..... | | 5 |
| 3.2 Commercial forms | | 6 |
| 3.3 Physical properties..... | | 6 |
| 3.4 Chemical properties | | 7 |
| 4 Purity criteria..... | | 7 |
| 4.1 General..... | | 7 |
| 4.2 Composition of commercial product | | 8 |
| 4.3 Impurities and main by-products | | 8 |
| 4.4 Chemical parameters | | 8 |
| 5 Test methods..... | | 9 |
| 6 Labelling - Transportation - Storage..... | | 9 |
| 6.1 Means of delivery..... | | 9 |
| 6.2 Labelling according to the EU legislation | | 9 |
| 6.3 Transportation regulations and labelling..... | | 9 |
| 6.4 Marking | | 10 |
| 6.5 Storage..... | | 10 |
| Annex A (informative) General information on sodium chloride | | 11 |
| A.1 Origin | | 11 |
| A.2 Use | | 11 |
| A.3 General rules relating to safety | | 11 |
| Bibliography | | 13 |

Foreword

This document (EN 16401:2013) 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 April 2014, and conflicting national standards shall be withdrawn at the latest by April 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.

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 potential adverse effects on the quality of water for swimming pools, 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 only to sodium chloride used in electrochlorinator systems and not to mixtures with other chemicals used for treatment of swimming pool water. It describes the characteristics of sodium chloride used in electrochlorinator systems and specifies the requirements and the corresponding test methods for sodium chloride used in electrochlorinator systems. It gives information on its use in swimming water treatment. It also determines the rules relating to safe handling and use (see Annex A).

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 973, *Chemicals used for treatment of water intended for human consumption - Sodium chloride for regeneration of ion exchangers*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

1) Chemical Abstract Service Registry Number.

2) European Inventory of Existing Commercial Chemical Substances.