

**Chemicals used for treatment of water intended for
human consumption - Chlorine**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 937:2009 sisaldab Euroopa standardi EN 937:2009 ingliskeelset teksti.

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English Version

Chemicals used for treatment of water intended for human consumption - Chlorine

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

Produkte zur Aufbereitung von Wasser für den
menschlichen Gebrauch - Chlor

This European Standard was approved by CEN on 13 May 2009.

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Contents

Page

Foreword.....	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Description	6
3.1 Identification.....	6
3.1.1 Chemical name.....	6
3.1.2 Synonym or common name.....	6
3.1.3 Relative molecular mass.....	6
3.1.4 Empirical formula.....	6
3.1.5 Chemical formula.....	6
3.1.6 CAS Registry Number	7
3.1.7 EINECS reference	7
3.2 Commercial form	7
3.3 Physical properties.....	7
3.3.1 Appearance	7
3.3.2 Density	7
3.3.3 Solubility (in water).....	7
3.3.4 Vapour pressure	7
3.3.5 Boiling point at 100 kPa	7
3.3.6 Liquefaction point.....	7
3.3.7 Specific heat.....	8
3.3.8 Viscosity (dynamic)	8
3.3.9 Critical temperature	8
3.3.10 Critical pressure.....	8
3.3.11 Physical hardness	8
3.4 Chemical properties	8
4 Purity criteria.....	8
4.1 General.....	8
4.2 Composition of commercial product	9
4.3 Impurities and main by-products	9
4.4 Chemical parameters	9
5 Test methods.....	10
5.1 General.....	10
5.2 Sampling	10
5.3 Analysis	10
5.3.1 Determination of chlorine content	10
5.3.2 Determination of water content.....	10
5.3.3 Determination of nitrogen trichloride content	10
6 Labelling - Transportation - Storage.....	10
6.1 Means of delivery.....	10
6.2 Risk and safety labelling in accordance with the EU directives	10
6.3 Transportation regulations and labelling.....	11
6.4 Marking	11
6.5 Storage.....	12
6.5.1 Storage conditions	12
6.5.2 Long term stability.....	12
6.5.3 Storage incompatibilities	12

Annex A (informative) General information on chlorine	13
A.1 Origin	13
A.1.1 Raw materials	13
A.1.2 Manufacturing process	13
A.2 Use	13
A.2.1 Function	13
A.2.2 Form in which the product is used	13
A.2.3 Treatment dose	13
A.2.4 Means of application	13
A.2.5 Secondary effects	13
A.2.6 Removal of excess product	13
Annex B (normative) General rules relating to safety	14
B.1 Rules for safe handling and use	14
B.2 Emergency procedures	14
B.2.1 General	14
B.2.2 First aid	14
B.2.3 Spillage	14
B.2.4 Fire	14
Annex C (normative) Determination of nitrogen trichloride (molecular absorption spectrometry)	15
C.1 General	15
C.2 Principle	15
C.3 Reaction	15
C.4 Reagents	15
C.5 Apparatus	16
C.6 Sampling and samples	17
C.7 Procedure	17
C.7.1 Calibration solutions	17
C.7.2 Discharge and evaporation (see Figure C.1)	17
C.7.3 Test solution	18
C.7.4 Determination	19
C.7.5 Blank test determination	19
C.8 Calculation and expression of the results	21
C.8.1 Calibration graph (see Table C.1)	21
C.8.2 Test solution	21
Bibliography	23

Foreword

This document (EN 937:2009) 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 December 2009, and conflicting national standards shall be withdrawn at the latest by December 2009.

This document supersedes EN 937:1999.

Differences between this edition and EN 937:1999 are mainly editorial to harmonize the text with other standards in this series and more precisely as follows:

- a) deletion of reference to EU Directive 80/778/EEC of July 15, 1980 in order to take into account the latest Directive in force (see [1]);
- b) deletion of Hg as Chemical Parameter in Table 1.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 chlorine used for treatment of water intended for human consumption. It describes the characteristics of chlorine and specifies the requirements and the corresponding test methods for chlorine. It gives information on its use in water treatment.

2 Normative references

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

EN ISO 3696, *Water for analytical laboratory use — Specification and test methods (ISO 3696:1987)*

ISO 1552, *Liquid chlorine for industrial use — Method of sampling (for determining only the volumetric chlorine content)*

ISO 2120, *Liquid chlorine for industrial use — Determination of the content of chlorine by volume in the vaporized product*

ISO 2121, *Liquid chlorine for industrial use — Determination of water content — Gravimetric method*

ISO 6206, *Chemical products for industrial use — Sampling — Vocabulary*