

**Chemicals used for treatment of water intended for
human consumption - Sodium hydrogen sulfate**

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NATIONAL FOREWORD

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ICS 71.100.80

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ICS 71.100.80

English Version

Chemicals used for treatment of water intended for human consumption - Sodium hydrogen sulfate

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

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Natriumhydrogensulfat

This European Standard was approved by CEN on 24 May 2012.

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Contents

Page

| | |
|--|----|
| Foreword..... | 3 |
| Introduction | 3 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Description | 5 |
| 4 Purity criteria | 7 |
| 5 Test methods | 8 |
| 6 Labelling – Transportation – Storage | 14 |
| Annex A (informative) General information on sodium hydrogen sulfate | 16 |
| Annex B (normative) General rules relating to safety | 18 |
| Annex C (normative) Determination of arsenic, antimony and selenium (atomic absorption spectrometry hydride technique) | 19 |
| Bibliography | 25 |

Foreword

This document (EN 16037:2012) 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of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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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 sodium hydrogen sulfate used for treatment of water intended for human consumption. It describes the characteristics of sodium hydrogen sulfate and specifies the requirements and the corresponding test methods for sodium hydrogen sulfate. It gives information on its use in water treatment.

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 1233, *Water quality — Determination of chromium — Atomic absorption spectrometric methods*

EN 1483, *Water quality — Determination of mercury — Method using atomic absorption spectrometry*

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

ISO 2479, *Sodium chloride for industrial use — Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations*

ISO 2483, *Sodium chloride for industrial use — Determination of the loss of mass at 110 degrees C*

ISO 3165, *Sampling of chemical products for industrial use — Safety in sampling*

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

ISO 6332, *Water quality — Determination of iron — Spectrometric method using 1,10-phenanthroline*

ISO 8213, *Chemical products for industrial use — Sampling techniques — Solid chemical products in the form of particles varying from powders to coarse lumps*

ISO 8288, *Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods*

3 Description

3.1 Identification

3.1.1 Chemical name

Sodium hydrogen sulfate.

3.1.2 Synonym or common name

Sodium bisulfate.

3.1.3 Relative molecular mass

120,06 g/mol.