

Chemicals used for treatment of water intended for human consumption — Sulfuric acid

The European Standard EN 899 : 1996 has the status of a
British Standard

ICS 71.100.80

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CII/59, Chemicals for drinking water treatment, upon which the following bodies were represented:

- Association of Consulting Scientists
- British Aggregate Construction Materials Industries
- British Association for Chemical Specialities
- British Compressed Gases Association
- British Water
- Chemical Industries Association
- Department of the Environment (Drinking Water Inspectorate)
- Industrial Water Society
- Institution of Water and Environmental Management
- Salt Manufacturers' Association
- Water Companies Association
- Water Research Centre
- Water Services Association of England and Wales

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 June 1997

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard has been prepared by Technical Committee CII/59 and is the English language version of EN 899 : 1996 *Chemicals used for treatment of water intended for human consumption — Sulfuric acid*, published by the European Committee for Standardization (CEN).

EN 899 : 1996 was produced as a result of international discussion in which the United Kingdom took an active part.

The United Kingdom strongly objected to the draft European Standard at the CEN Formal Vote stage because of the dangers associated with the sampling of concentrated sulfuric acid at the customer's premises (i.e. the water works), as required in 5.1. However, this argument was not accepted by CEN at the time.

It is the strong recommendation of the BSI technical committee that sampling is carried out at the manufacturer's premises, unless the customer has adequate facilities to carry out this operation safely at his own premises. The United Kingdom has requested an early revision of EN 899 in order to amend the present requirement.

Cross-references

Publication referred to	Corresponding British Standard
EN 26595 : 1992	BS EN 26595 : 1993 <i>Water quality — Determination of total arsenic — Silver diethyldithiocarbamate spectrophotometric method</i>
EN ISO 3696 : 1995	BS EN ISO 3696 : 1995 <i>Water for analytical laboratory use — Specification and test methods</i> BS 6068 <i>Water quality</i> Part 2 <i>Physical, chemical and biochemical methods</i>
ISO 5666-1 : 1983	Section 2.4 : 1984 <i>Determination of total mercury by flameless atomic absorption spectrometry: method after digestion with permanganate-peroxodisulphate</i>
ISO 6332 : 1982	Section 2.2 : 1983 <i>Determination of iron: 1,10-phenanthroline photometric method</i>
ISO 8288 : 1986	Section 2.29 : 1987 <i>Determination of cobalt, nickel, copper, zinc, cadmium and lead: flame atomic absorption spectrometric methods</i>
ISO 9965 : 1993	Section 2.45 : 1993 <i>Determination of selenium by atomic absorption spectrometry</i>

Additional information

Article 8 of the Council of the European Community Directive 80/778/EEC relating to the quality of water intended for human consumption requires Member States to ensure that substances used in the preparation of drinking water do not cause any contravention of the maximum admissible concentrations prescribed in annex 1 to the Directive.

This requirement is given effect in England and Wales by regulation 25 of the Water Supply (Water Quality) Regulations 1989 (similar provisions apply in Scotland and Northern Ireland). Regulation 25 makes provision for attaching conditions of use to chemicals which are authorized for use in public water supplies.

Details of conditions of use are contained in the Secretary of State's List of Approved Products published by the Drinking Water Inspectorate, Room B153, Romney House, 43 Marsham Street, London SW1P 3PY.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

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Descriptors: Potable water, water treatment, chemical compounds, sulfuric acid, description, physical properties, chemical properties, impurities, toxic substances, tests, labelling, storage, utilization

English version

Chemicals used for treatment of water intended for human consumption — Sulfuric acid

Produits chimiques utilisés pour le traitement de
l'eau destinée à la consommation humaine —
Acide sulfurique

Produkte zur Aufbereitung von Wasser für den
menschlichen Gebrauch — Schwefelsäure

This European Standard was approved by CEN on 1996-11-08. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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