

**Chemicals used for treatment of water intended for
human consumption - Calcium magnesium carbonate**

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EESTI STANDARDI EESSÕNA

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 - Calcium magnesium carbonate

Produits chimiques utilisés pour le traitement de l'eau destinée à la consommation humaine - Carbonate de calcium et de magnésium

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Calciummagnesiumcarbonat

This European Standard was approved by CEN on 8 October 2011.

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Foreword

This document (EN 16003:2011) 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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.

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.

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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 Standard:

- this 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;
- 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 the 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 calcium magnesium carbonate used for treatment of water intended for human consumption. It describes the characteristics of calcium magnesium carbonate and specifies the requirements and the corresponding test methods for calcium magnesium carbonate. 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 12485, *Chemicals used for treatment of water intended for human consumption — Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide and calcium magnesium carbonate — Test methods*

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

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

3 Description

3.1 Identification

3.1.1 Chemical name

Calcium magnesium carbonate.

3.1.2 Synonym or common name

Dolomite.

3.1.3 Relative molecular mass

184,39.

3.1.4 Empirical formula

$\text{CaCO}_3 \text{MgCO}_3$.

3.1.5 Chemical formula

$\text{CaCO}_3 \text{MgCO}_3$.

3.1.6 CAS Registry Number ¹⁾

16389-88-1.

1) Chemical Abstracts Service Registry Number.