



National Standards Authority of Ireland
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

I.S. EN 1408:2008

ICS 71.100.80

**CHEMICALS USED FOR TREATMENT OF
WATER INTENDED FOR HUMAN
CONSUMPTION - POLY
(DIALYLDIMETHYLAMMONIUM CHLORIDE)**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales

<http://www.standards.ie>

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
7 March 2008*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2008

Price Code H

Údarás um Chaighdeáin Náisiúnta na hÉireann

This page is intentionally left BLANK.

English Version

Chemicals used for treatment of water intended for human consumption - Poly (diallyldimethylammonium chloride)

Produits chimiques utilisés pour le traitement de l'eau destinée à la consommation humaine - Poly (chlorure de diméthylallylammonium)

Produkte zur Aufbereitung von Wasser für den menschlichen Gebrauch - Poly (diallyldimethylammonium chlorid)

This European Standard was approved by CEN on 10 November 2007.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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 Synonyms or common names.....	6
3.1.3 Relative molecular mass.....	6
3.1.4 Empirical formula.....	6
3.1.5 Chemical formula.....	7
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.....	7
3.3.4 Vapour pressure	7
3.3.5 Boiling point at 100 kPa)	8
3.3.6 Freezing point	8
3.3.7 Specific heat.....	9
3.3.8 Viscosity, dynamic.....	9
3.3.9 Critical temperature	9
3.3.10 Critical pressure.....	9
3.3.11 Physical hardness	9
3.4 Chemical properties	9
4 Purity criteria.....	9
4.1 General.....	9
4.2 Composition of commercial product	10
4.3 Impurities and main by-products	10
4.4 Chemical parameters	10
5 Test methods.....	10
5.1 Sampling	10
5.1.1 General.....	10
5.1.2 Sampling from drums and bottles	11
5.1.3 Sampling from tanks and tankers	11
5.2 Analyses	11
5.2.1 General.....	11
5.2.2 Main product	12
5.2.3 Impurities	14
6 Labelling - transportation - storage	18
6.1 Means of delivery.....	18
6.2 Risk and safety labelling in accordance with the EU Directives	19
6.3 Transportation regulations and labelling.....	19
6.4 Marking	19
6.5 Storage.....	19
6.5.1 Long term stability.....	19

6.5.2	Storage incompatibilities	19
Annex A	(informative) General information on polyDADMAC	20
A.1	Origin	20
A.1.1	Raw materials	20
A.1.2	Manufacturing process	20
A.2	Use	20
A.2.1	Function	20
A.2.2	Form in which it is used	20
A.2.3	Treatment dose	20
A.2.4	Means of application	20
A.2.5	Secondary effects	20
A.2.6	Removal of excess product	20
A.3	Rules for safe handling and use	21
A.4	Emergency procedures	21
A.4.1	First aid	21
A.4.2	Spillage	21
A.4.3	Fire	21
	Bibliography	22

Foreword

This document (EN 1408:2008) 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 July 2008, and conflicting national standards shall be withdrawn at the latest by July 2008.

This document supersedes EN 1408:1998.

Significant technical differences between this edition and EN 1408:1998 are as follows:

updating of the reference to the drinking water directive from 80/778/EEC to 98/83/EC.

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.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-