

DIN EN 1408:2008-04 (E)

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

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	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	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
	CAS Registry Number	7
	Boiling point at 100 kPa	8
3.1.7	EINECS reference	7
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