

DIN EN 15075:2013-07 (E)

Chemicals used for treatment of swimming pool water - Sodium hydrogen carbonate

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	Synonym or common name	6
3.1.3	Relative molecular mass	6
3.1.4	Empirical formula	6
3.1.5	Chemical formula	6
3.1.6	CAS Registry Number	6
3.1.7	EINECS reference	6
3.2	Commercial forms	7
3.3	Physical properties	7
3.3.1	Appearance	7
3.3.2	Density	7
3.3.3	Solubility in water	7
3.3.4	Vapour pressure	7
3.3.5	Boiling point at 100 kPa	7
3.3.6	Melting point	7
3.3.7	Specific heat	7
3.3.8	Viscosity (dynamic)	7
3.3.9	Critical temperature	7
3.3.10	Critical pressure	7
3.3.11	Physical hardness	7
3.4	Chemical properties	8
4	Purity criteria	8
4.1	General	8
4.2	Composition of commercial product	8
4.3	Impurities and main by-products	8
4.4	Chemical parameters	9
5	Test methods	9
6	Labelling - Transportation - Storage	9
6.1	Means of delivery	9
6.2	Labelling according to EU legislation	9
6.3	Transportation regulations and labelling	9
6.4	Marking	10
6.5	Storage	10
6.5.1	Long-term stability	10
6.5.2	Storage incompatibilities	10
Annex A (informative)	General information on sodium hydrogen carbonate	11
A.1	Origin	11

A.1.1	Raw materials	11
A.1.2	Manufacturing process	11
A.2	Use	11
A.2.1	Function	11
A.2.2	Form in which the product is used	11
A.2.3	Treatment dose	11
A.2.4	Means of application	11
A.2.5	Secondary effects	11
A.2.6	Removal of excess product	11
A.3	General rules relating to safety	12
A.3.1	Rules for safe handling and use	12
A.3.2	Emergency procedures	12
A.3.3	Fire	12
	Bibliography	13