

DIN EN 16400:2014-03 (E)

Chemicals used for treatment of swimming pool water - Hydrogen peroxide

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	7
3.2	Commercial form	7
3.3	Physical properties	7
3.3.1	Appearance and odour	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	8
3.3.6	Crystallisation point	9
3.3.7	Specific heat	9
3.3.8	Viscosity, dynamic	9
3.3.9	Critical temperature	10
3.3.10	Critical pressure	10
3.3.11	Physical hardness	10
3.4	Chemical properties	10
4	Purity criteria	10
4.1	General	10
4.2	Composition of commercial product	10
4.3	Chemical parameters	11
5	Test methods	11
6	Labelling - Transportation - Storage	11
6.1	Means of delivery	11
6.2	Labelling according to the EU legislation	12
6.3	Transportation regulations and labelling	12
6.4	Marking	13
6.5	Storage	13
6.5.1	Containers	13
6.5.2	Long term stability	13
6.5.3	Storage incompatibilities	13
Annex A (informative)	General information on hydrogen peroxide	14
A.1	Origin	14

A.2	Use	14
A.3	Routine analyses	15
Annex B (normative) General rules relating to safety		16
B.1	Rules for safe handling and use	16
B.2	Emergency procedures	16
Bibliography		17