

DIN EN 16381:2014-03 (E)

Chemicals used for treatment of swimming pool water - Sodium peroxodisulfate

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 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	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	8
3.3.11	Physical hardness	8
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	8
5	Test methods	9
6	Labelling - Transportation - Storage	9
6.1	Means of delivery	9
6.2	Labelling according to the EU legislation	9
6.3	Transportation regulations and labelling	10
6.4	Marking	10
6.5	Storage	11
6.5.1	Generals	11
6.5.2	Long term stability	11
6.5.3	Storage incompatibilities	11
Annex A (informative)	General information on sodium peroxodisulfate	12

A.1	Origin	12
A.2	Use	12
Annex B (normative) General rules relating to safety		13
B.1	Rules for safe handling and use	13
B.2	Emergency procedures	13
Bibliography		14