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Edition 5.2

SOUTH AFRICAN NATIONAL STANDARD

Sodium hypochlorite solutions

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Edition 5.2

Table of changes

Change No.	Date	Scope
Amdt 1	2008	Amended to update the preparation, procedure and formula for the determination of the sodium hypochlorite content.
Amdt 2	2010	Amended to update a referenced standard.

Acknowledgement

The SABS Standards Division wishes to acknowledge the valuable assistance derived from publications of the British Standards Institution.

Foreword

This South African standard was approved by National Committee SABS SC 1006C, *Detergents, polishes and other chemicals – Bleaches and other chemical substances*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in October 2010.

This document supersedes SANS 296:2008 (edition 5.1).

A reference is made in 6.2(i) to "the current relevant national legislation". In South Africa this means the Foodstuffs, Cosmetics and Disinfectants Act, 1972 (Act No. 54 of 1972) and the Trade Metrology Act, 1973 (Act No. 77 of 1973).

Annexes B and C form an integral part of this document. Annexes A and D are for information only.

A vertical line in the margin shows where the text has been technically modified by amendment No. 2.

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Sodium hypochlorite solutions

1 Scope

This standard specifies the characteristics of three aqueous concentrations of sodium hypochlorite solution suitable for industrial and domestic use.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 115/ISO 385, *Laboratory glassware – Burettes*.

Amdt 2

SANS 10228, *The identification and classification of dangerous goods for transport*.

SANS 10229-1, *Transport of dangerous goods – Packaging and large packaging for road and rail transport – Part 1: Packaging*.

3 Definitions

For the purposes of this document, the following definitions apply.

3.1

acceptable

acceptable to the authority administering this standard, or to the parties concluding the purchase contract, as relevant

3.2

batch

material from a single mix or, in the case of a continuous production process, the material from a single day's production

3.3

gassing

gas evolution