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Australian Standard 2351-1980

NAPPY SANITIZERS



STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter



THE FOLLOWING SCIENTIFIC, INDUSTRIAL, CONSUMER AND GOVERNMENTAL organizations and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Chemical Specialties Manufacturers Association
Australian Consumers Association
Confederation of Australian Industry
Department of Health
Department of Science and the Environment
Health Commission of New South Wales
Health Commission of Victoria
National Council of Chemical and Pharmaceutical Industries
Pharmacy Guild of Australia
Royal Australian College of General Practitioners

This standard, prepared by Committee CS/32, Nappy Sanitizers, was approved on behalf of the Council of the Standards Association of Australia on 21 April 1980, and was published on 1 July 1980.

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AUSTRALIAN STANDARD

NAPPY SANITIZERS

AS 2351—1980

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PREFACE

This standard was prepared by the Association's Committee on Sanitizers following a request from the Australian Consumers Association.

The committee considered the possibility of preparing test methods for evaluating a number of the properties attributed to nappy sanitizers including cleansing, bleaching and deodorizing. However, because of the unavailability of test methods that are known to correlate with these properties under conditions of actual use, the committee found it impracticable to proceed along these lines. It was agreed that consumers should be able to make subjective decisions about such properties.

Sanitizers must be bacteriologically effective and nappies treated with such products must be safe for use. In addition, the contents of the soak bucket must be held at a satisfactorily hygienic level for safe storage in the home. The consumer cannot be sure that a nappy is safe for use after treatment simply by its appearance and general condition. Consequently, this standard provides a laboratory method for determining the bacteriological effectiveness of nappy sanitizers. It is considered that a sanitizer that complies with the requirements of this standard will control the number of microorganisms at a hygienic level, under conditions of normal use, provided that the manufacturer's instructions are followed.

This standard requires reference to the following Australian standard:
AS 1658 Household Synthetic Laundry Detergent Powder

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard for NAPPY SANITIZERS

1 SCOPE. This standard specifies requirements for products used for sanitizing nappies by soaking, describes a method for testing such products and gives the acceptance criteria. It does not apply to post-wash additives.

2 GENERAL REQUIREMENTS.

2.1 Effectiveness Against Microorganisms. When tested in accordance with Appendix A, the product shall reduce the number of microorganisms obtained from the soak solution containing the soaked (treated) nappy squares from not less than 10^7 /mL to not more than 500/mL.

2.2 Effect on Health. When used in accordance with the manufacturer's instructions, the product shall not be injurious to health and shall not contain any substances that may cause adverse reactions on the child.

2.3 Solubility. When prepared in accordance with the manufacturer's instructions, the product shall be soluble in water.

2.4 Storage Properties. The product shall be capable of complying with the requirements of this standard after being stored for 12 months either—

- (a) in accordance with the manufacturer's instructions; or
- (b) where there are no manufacturer's instructions, at 25° C.

2.5 Packaging. The product shall be packed in containers that are securely closed and do not react with the product.

3 INSTRUCTIONS. Every container shall be legibly marked with adequate instructions for use, including the following information:

- (a) The method of preparing a solution of the product ready for use.
- (b) The time period during which the solution will remain effective.
- (c) The number of nappies that can be soaked (treated).

- (d) The minimum soak period necessary to achieve satisfactory results.
- (e) An instruction to sluice off faeces before soaking the nappy.
- (f) Instructions for disposal of the solution at the end of the soak period.
- (g) Instructions for rinsing and whether or not the soaked nappies require further treatment.

4 MARKING. Every container shall be legibly marked with the following information:

- (a) Name and address of the person or company assuming responsibility for the product:
- (b) Type of product, brand name or registered trademark.
- (c) The words 'Not to be taken' in a prominent location but not necessarily on the primary display panel.

NOTE: Manufacturers who place the number of this Australian standard on sanitizers, packaging or literature related thereto should ensure that the sanitizers are manufactured to comply with the standard.

Attention is particularly drawn to the scheme for independent assurance provided by the AS Mark which is a registered certification trade mark owned by the Standards Association of Australia.

The presence of the AS Mark on or in relation to a product is an assurance that the goods have been produced under a system of supervision, control and testing applied during manufacture and including periodical inspections at the manufacturer's works in accordance with the certification mark scheme of the SAA.

The AS Mark can be used only by manufacturers licensed under the certification mark scheme operated by the SAA, and only when accompanied by the number of the relevant Australian standard. It will usually be a requirement that the words 'Manufactured to Australian Standard' accompany the number of the standard and enclose the Mark as shown below, however this is a matter for negotiation with the Association.

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