

AS 1999 — 1977
UDC 648.181.6

Australian Standard 1999 — 1977

LIQUID DETERGENTS FOR HOUSEHOLD HAND DISHWASHING



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
Australian Federation of Consumer Organizations
CSIRO, Science Branch
Department of Science
Grocery Manufacturers of Australia Ltd
Ministry of Consumer Affairs, Vic.
National Council of Women
National Health and Medical Research Council
Royal Australian Chemical Institute

This standard, prepared by Committee CS/2, Household Detergents, was approved for publication on behalf of the Council of the Standards Association of Australia on 30 November 1976, and was published on 1 June 1977.

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This standard was issued in draft form for public review as DR 75033 and 76014.

AUSTRALIAN STANDARD SPECIFICATION

**LIQUID DETERGENTS
FOR HOUSEHOLD
HAND DISHWASHING**

AS 1999 — 1977

First published 1977

**PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY N.S.W.**

ISBN 0 7262 1164 8

PREFACE

This standard was prepared by the Association's Committee on Household Detergents, under the direction of the Consumer Standards Advisory Committee, in response to a request by the Federal Government.

The committee in the course of its work considered the requirements of performance tests for liquid detergents for domestic dishwashing. However because of the unavailability of test methods which correlate with performance under the various conditions of actual use, the committee found it impracticable to proceed along these lines. The committee considers the best protection to the consumer is to set the minimum surfactant level necessary to produce a satisfactory dishwashing detergent.

The committee believes that the standard in its present form offers proper consumer protection without restricting the consumer's choice of detergents.

A separate standard specifying the requirements of concentrated detergents that are designed to be diluted before use is also being prepared.

This standard requires reference to the following standards:

- AS 1792 Methods for Determining the Biodegradability of Surfactants
- AS Methods for the Analysis of Surfactants*
- AS Methods for the Analysis of Heavy Metals*

*In course of preparation.

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Amendment No 1
July 1978

STANDARDS ASSOCIATION OF AUSTRALIA
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AMENDMENT No 1
to
AS 1999—1977

LIQUID DETERGENTS FOR HOUSEHOLD HAND DISHWASHING

SUMMARY: The following sections of the standard are covered by this amendment: Clause 2.2 (Note), Clause 2.3.

Page 3. Clause 2.2.

Delete the existing note and substitute:

NOTE: It is recognized that some people may display an allergic reaction to common ingredients of liquid detergents. It is not intended that this clause should cover such allergic reactions. Suitable protective measures should be taken against the degreasing action of detergents on the skin.

AMDT
No 1
JULY
1978

Page 3. Clause 2.3.

Delete the existing clause and substitute:

2.3 Heavy Metals. The total amount of lead, mercury, cadmium, arsenic and antimony in the liquid detergent shall not exceed 0.003 percent by mass, when determined by the method specified in AS*

AMDT
No 1
JULY
1978

STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Specification
for
LIQUID DETERGENTS FOR HOUSEHOLD HAND
DISHWASHING

1 SCOPE. This specification applies to liquid detergent compositions used for the hand washing of dishes and similar items used for domestic food preparation and consumption.

2 GENERAL REQUIREMENTS.

2.1 Form. The detergent shall be a homogeneous liquid free from foreign matter and may contain added materials such as colouring agents, perfumes, opacifiers, viscosity controlling agents, foam control agents, solubilizers and preservatives.

NOTE: Dyestuffs that have been approved by the National Health and Medical Research Council may be assumed to have a satisfactorily low toxicity for use in liquid detergents.

2.2 Effect on Health. When used in accordance with the manufacturer's directions or in normal household use, the detergent shall not be injurious to health.

NOTE: While it is recognized that some people may display an allergic reaction to common ingredients of liquid detergents it is not intended that this clause should cover the requirements of such allergic reactions.

2.3 Heavy Metals. The total amount of lead, mercury, cadmium, arsenic and antimony expressed as lead in the detergent shall not exceed 0.003 percent by mass, when determined by the method specified in AS*

2.4 Miscibility with Water. The detergent shall be readily miscible with water.

2.5 Biodegradability. Each surfactant in the detergent shall be biologically soft as defined in AS 1792, Method for Determining the Biodegradability of Surfactants.

2.6 Storage Properties. The detergent shall be capable of meeting the requirements of this specification after storage in its original sealed container at normal ambient temperatures for a period of at least 12 months from the date of manufacture.

*AS, Methods for the Analysis of Heavy Metals (in course of preparation).