

Australian Standard™

**Packages for chemicals not intended for  
access or contact with their contents by  
humans**



This Australian Standard was prepared by Committee HE-001, Medical, Diagnostic and Surgical Products. It was approved on behalf of the Council of Standards Australia on 13 April 2001 and published on 1 August 2001.

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The following interests are represented on Committee HE-001:

Australian Chemical Specialties Manufacturers Association  
Australian Institute of Packaging  
Australian Self-Medication Industry  
Commonwealth Department of Health and Aged Care  
Consumers Federation of Australia  
Consumers Health Forum of Australia  
Department of Human Services, Vic.  
Health Department, W.A.  
National Injury Prevention Advisory Council Standards Group  
New Children's Hospital, Westmead  
New South Wales Health Department  
Pharmaceutical Society of Australia  
Royal Children's Hospital, Melbourne

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## PREFACE

This Standard was prepared by the Standards Australia Subcommittee HE-001-08, Packaging Systems and Devices—Child-resistant—Chemicals, under the responsibility of Committee HE-001, Medical, Diagnostic and Surgical Products.

The need for this Standard has been identified as a result of the development of packages and devices for products, containing chemicals, primarily intended for domestic use. The products may also be used in other areas such as child-care centres and schools where they may be accessible to children.

Both government and industry have identified the need to validate claims made in relation to the performance of these types of safety packages.

It is intended that all products falling within the scope of this Standard comply with the requirements for non-access. Additionally, where the product is intended not to leach, leak or in any other way make physical contact with the user, then the requirements for non-contact apply.

It is anticipated that each package will be product specific.

For the testing of these packages, it will be noted that the children in the child panel are aged 42 to 51 months. This is at the high end of the age range at which child poisoning is most common, so as to challenge the packaging with children most likely to have the dexterity to succeed.

It is recommended that discussions take place between designers, manufacturers, testing and regulatory authorities during the design and development stage of proposed packaging systems, containing chemicals, not intended for access or contact with their contents by human beings.

The objective of this Standard is to set particular requirements for packages, containing chemicals not intended for access or contact with their contents by human beings.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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## STANDARDS AUSTRALIA

**Australian Standard****Packages for chemicals not intended for access or contact with their contents by humans**

## SECTION 1 SCOPE AND GENERAL REQUIREMENTS

**1.1 SCOPE**

This Standard specifies requirements for packages for chemicals, designed to be non-accessible to human beings. Additionally, it specifies requirements for packaging systems which are designed to prevent unintended contact with the contents of the package.

## NOTES:

- 1 Such packaging systems are usually referred to as 'non-access packages', e.g. cockroach bait and rodent bait.
- 2 Child-resistant packages are dealt with in AS 1928.

**1.2 REFERENCED DOCUMENTS**

The documents below are referred to in this Standard.

AS

1928 Child-resistant packages

ICH

Guidelines for good clinical practice

**1.3 DEFINITIONS**

For the purpose of this Standard, the definitions below apply.

**1.3.1 Non-access package**

A package which incorporates a permanent physical barrier, intended to prevent access to its contents by humans under normal conditions of use.

**1.3.2 Non-contact package**

A package as described in Clause 1.3.1, but, additionally, where the contents do not leak or leach or make contact with the user.

**1.3.3 Placebo**

An inert substitute with physical properties similar to the product it is to simulate.

**1.4 MATERIALS**

Materials used in the fabrication of the components of non-access packages shall be non-toxic and retain the properties that ensure the non-access characteristics of the package.

**1.5 FREEDOM FROM DEFECTS**

The components of the package shall be manufactured in accordance with nominated tolerances and shall be free from defects which could significantly affect the safety and performance of the package.