

## Australian/New Zealand Standard™

# The storage and handling of mixed classes of dangerous goods, in packages and intermediate bulk containers



### **AS/NZS 3833:2007**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-009, Safe Handling of Chemicals. It was approved on behalf of the Council of Standards Australia on 8 March 2007 and on behalf of the Council of Standards New Zealand on 11 May 2007.

This Standard was published on 30 May 2007.

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The following are represented on Committee CH-009:

ACCORD Australia  
Agsafe  
Australasian Fire Authorities Council  
Australian Institute of Petroleum  
Australian Paint Manufacturers' Federation  
Consumers' Federation of Australia  
Department of the Premier and Cabinet, SA  
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# **The storage and handling of mixed classes of dangerous goods, in packages and intermediate bulk containers**

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## PREFACE

This Standard was prepared by Joint Standards Australia/Standards New Zealand Committee CH-009, Safe Handling of Chemicals, to supersede AS/NZS 3833:1998. Revision of this Standard was commenced following the committee's agreement that the series of Standards relating to the storage and handling of dangerous goods be reviewed and updated to reflect changed regulatory requirements and control philosophies that have been refined since the publication of the 1998 edition, taking into particular account the current (2004) edition of AS 1940, *The storage and handling of flammable and combustible liquids*.

The purpose of this Standard is to provide minimum acceptable safety requirements for installations where more than one class of dangerous goods is stored and handled, whether in packages or intermediate bulk containers (IBCs) of up to 1.6 m<sup>3</sup> capacity.

This Standard addresses the storage and handling of mixed classes of dangerous goods of Classes and Divisions 1.4S (as consumer commodities), 2 (as consumer commodities or aerosols of UN 1950), 3, 4.1, 4.3, 5.1, 5.2, 6.1, 8 and 9, and combustible liquids when stored with the dangerous goods, in packages and IBCs as described above.

The terms 'normative' and 'informative' have been used in this Standard to indicate the application of each appendix. A normative appendix is an integral part of the Standard, whereas an informative appendix provides information and guidance.

Statements expressed in mandatory terms in notes to tables and figures are requirements of this Standard. Notes that appear in the main text are intended to provide information and recommendations only.

Australian and New Zealand references are separated by a slash (/) or parentheses. Australian references apply in Australia, and New Zealand references apply in New Zealand. Joint Standards apply in both Australia and New Zealand.

The series of Standards covering the storage, handling and transport of dangerous goods currently comprises the following publications:

HB 76	Dangerous goods—Initial emergency response guide
AS	
1216	Class labels for dangerous goods
1678	Emergency procedure guide—Transport (series)
1894	The storage and handling of non-flammable cryogenic and refrigerated liquids
1940	The storage and handling of flammable and combustible liquids
2187	Explosives—Storage, transport and use (series)
2507	The storage and handling of agricultural and veterinary chemicals
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2714	The storage and handling of hazardous chemical materials—Class 5.2 substances (organic peroxides)
2809	Road tank vehicles for dangerous goods (series)
3780	The storage and handling of corrosive substances
3846	The handling and transport of dangerous cargoes in port areas
4326	The storage and handling of oxidizing agents
4332	The storage and handling of gases in cylinders

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- 1596 The storage and handling of LP Gas
- 2022 Anhydrous ammonia—Storage and handling
- 2927 The storage and handling of liquefied chlorine gas
- 4081 The storage and handling of liquid and liquefied polyfunctional isocyanates
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- 4681 The storage and handling of Class 9 (miscellaneous) dangerous goods and articles

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