

AS 4326—1995

Australian Standard<sup>®</sup>

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**The storage and handling  
of oxidizing agents**

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This Australian Standard was prepared by Committee CH/9, Safe Handling of Chemicals. It was approved on behalf of the Council of Standards Australia on 13 June 1995 and published on 5 September 1995.

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The following interests are represented on Committee CH/9:

Australian Chemical Specialties Manufacturers Association  
Australian Conservation Foundation  
Australian Council of Trade Unions  
Australian Fire Authorities Council  
Australian Government Analytical Laboratories  
Australian Institute of Petroleum  
Australian Paint Manufacturers Federation  
Department for Industrial Affairs, S.A.  
Department of Defence  
Department of Minerals and Energy, W.A.  
Environment Protection Authority (New South Wales)  
Insurance Council of Australia  
Melbourne Water  
National Association for Crop Protection and Animal Health  
National Occupational Health and Safety Commission  
Occupational Health and Safety Authority, Vic.  
Plastics and Chemicals Industry Association  
Railways of Australia Committee  
Tasmania Development and Resources  
Work Health Authority, N.T.  
WorkCover Authority, N.S.W.  
Subcommittees of Committee CH/9

Additional interests participating in preparation of Standard:

Manufacturers, distributors and industrial users of oxidizing agents

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**Review of Australian Standards.** To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

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Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Safe Handling of Chemicals. Preparation of the Standard was commenced following a request from the Australian Chemical Industry Council for the preparation of a series of Standards on the storage and handling of dangerous goods; subsequently the Competent Authorities of various States and Territories have expressed their intentions of using such standards as Codes of practice. Such Codes of practice may not be mandatory if an occupier can achieve an outcome equal to or better than that specified in the relevant Code of practice.

This Standard deals with Class 5.1 substances, as classified in the ADG Code.

Attention is drawn to those cards of AS 1678, *Emergency procedure guide—Transport* that relate to Class 5.1 substances, such cards being among those having the initial sub-designation digit '5'.

The series of Standards planned, published or being developed, for the storage and handling of dangerous goods presently comprises, in addition to AS 1678 cited above, the following Standards:

### AS

- 1596 LP gas—Storage and handling
- 1894 Code of practice for the safe handling of cryogenic fluids
- 1940 The storage and handling of flammable and combustible liquids
- 2022 Anhydrous ammonia—Storage and handling (known as the SAA Anhydrous Ammonia Code)
- 2507 The storage and handling of pesticides
- 2714 The storage and handling of hazardous chemical materials—Class 5.2 substances (organic peroxides)
- 2927 The storage and handling of liquefied chlorine gas
- 2931 Selection and use of emergency procedure guides for the transport of dangerous goods
- 3780 The storage and handling of corrosive substances
- 3961 Liquefied natural gas—Storage and handling
- 4081 The storage, handling and transport of liquid and liquefied polyfunctional isocyanates

*The storage and handling of gases in cylinders*, to be part of the above series, is in the course of preparation.

The terms 'normative' and 'informative' have been used in this Standard to define the application of appendices to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is for information and guidance only.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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