

AS 2714—1993

Australian Standard[®]

**The storage and handling of
hazardous chemical materials—
Class 5.2 substances (organic
peroxides)**

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 26 October 1992 and published on 15 February 1993.

The following interests are represented on Committee CH/9:

Australian Assembly of Fire Authorities
Australian Chamber of Commerce and Industry
Australian Chemical Industry Council
Australian Defence Industries
Australian Government Analytical Laboratories
Australian Institute of Petroleum
Australian Paint Manufacturers' Federation
Australian Road Transport Federation
Chairpersons of Subcommittees of Committee CH/9
Chemical Confederation of Australia
Commonwealth Institute of Health
Country Fire Authority, Vic.
Department of Defence
Department of Environment and Planning, N.S.W.
Department of Housing and Local Government, Qld.
Department of Minerals and Energy, W.A.
Department of Occupational Health, Safety & Welfare, W.A.
Department of Primary Industries and Energy
Department of Mines, Tas.
Department of Transport and Communications
Insurance Council of Australia
Melbourne Water
National Association of Testing Authorities, Australia
National Health and Medical Research Council
National Occupational Health and Safety Commission
National Safety Council of Australia
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Printing and Allied Trades Employers Federation of Australia
Railways of Australia Committee
State Pollution Control Commission, N.S.W.
University of Queensland
Work Health Authority, N.T.
WorkCover Authority, N.S.W.

Additional interests participating in preparation of Standard:

Manufacturers and distributors of oxidizing agents and organic peroxides
N.S.W. Fire Brigades

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hazardous chemical materials—
Class 5.2 substances (organic
peroxides)**

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PREFACE

This Standard was prepared by the Standards Australia Committee on Safe Handling of Chemicals under the direction of the Multitechnics Standards Policy Board to supersede the 1984 edition.

It deals with Class 5.2 substances, as classified in the ADG Code, and augments the information contained in the safe storage and handling information cards relating to organic peroxides, which are as follows:

AS

2508 *Safe storage and handling information cards for hazardous materials*

2508.5.004 *Benzoyl peroxide*

2508.5.005 *Methyl ethyl ketone peroxide (MEKP)*

Further, attention is drawn to the following group text emergency procedure guides, which relate to the transport of organic peroxides:

AS

1678 *Emergency procedure guides—Transport*

1678.5KI *Organic peroxides*

1678.5K2 *Organic peroxides — Unstable*

1678.5MI *Organic peroxides — Corrosive*

1678.5M2 *Organic peroxides — Unstable, corrosive*

1678.5PI *Organic peroxides — Unstable, keep refrigerated*

1678.5P2 *Organic peroxides — Corrosive, keep refrigerated*

1678.5QI *Organic peroxides — Keep refrigerated*

This Standard is one of a series of Standards planned, published or being developed, for the storage and handling of dangerous goods. This series presently comprises, in addition to AS 1678 and AS 2508 cited above, the following Standards:

AS

1216 *Hazard identification and information systems for dangerous goods*

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*

2507 *The storage and handling of pesticides*

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 hazardous chemical materials*

3780.8 *Part 8: Class 8 substances — Corrosives*

4081 *The storage and handling of liquid and liquefied polyfunctional isocyanates*

This edition of the Standard has been updated in accordance with the fifth edition of the ADG Code; the new 'generic entry' system for organic peroxides and the reallocation of all organic peroxides to Packaging Group II therein has made Appendix A of the previous edition of this Standard redundant. Also, attention has been paid to the better alignment of requirements with the current needs of regulatory authorities, emergency services and environmental authorities, and greater cognizance has been taken of various publications of Worksafe Australia. Lastly, the opportunity has been taken to reorganise and simplify the structure of this edition.

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

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CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	5
1.2 APPLICATION	5
1.3 REFERENCED AND RELATED DOCUMENTS	5
1.4 DEFINITIONS	6
1.5 CLASSIFICATION	7
1.6 SUMMARY OF GENERAL PROPERTIES AND HAZARDS	7
1.7 PACKAGING	7
1.8 MARKING	7
SECTION 2 MINOR STORAGE	
2.1 SCOPE OF SECTION	8
2.2 REQUIREMENTS AND RECOMMENDATIONS	8
SECTION 3 STORAGE OTHER THAN MINOR STORAGE	
3.1 SCOPE OF SECTION	9
3.2 TYPES OF STORAGE	9
3.3 RESTRICTIONS ON STORAGE	9
3.4 GENERAL REQUIREMENTS	9
3.5 INDOOR STORAGE CABINETS	11
3.6 STORAGE ROOMS AND COMPARTMENTS	11
3.7 ISOLATED STORAGE	13
SECTION 4 DISPENSING	
4.1 SCOPE OF SECTION	14
4.2 GENERAL	14
4.3 MAXIMUM STORAGE QUANTITIES	14
4.4 CONSTRUCTION	14
4.5 LOCATION	14
4.6 HANDLING TECHNIQUES	14
SECTION 5 OPERATIONAL AND PERSONNEL SAFETY	
5.1 SCOPE OF SECTION	15
5.2 GENERAL PRECAUTIONS	15
5.3 HOUSEKEEPING	15
5.4 CONSTRUCTION AND MAINTENANCE WORK	16
5.5 PERSONNEL TRAINING	16
5.6 PERSONAL PROTECTIVE EQUIPMENT	16
5.7 FIRST AID	17
SECTION 6 EMERGENCY MANAGEMENT	
6.1 SCOPE OF SECTION	18
6.2 PLANNING FOR EMERGENCIES	18
6.3 MANIFEST	18
6.4 PLACARDING	18
6.5 MANAGEMENT OF LEAKS AND SPILLS	19
SECTION 7 FIRE PROTECTION	
7.1 SCOPE OF SECTION	20
7.2 GENERAL CONSIDERATIONS	20
7.3 FIRE PROTECTION MEASURES	20
7.4 FIREFIGHTING SQUAD	20
7.5 ACTION IN THE EVENT OF FIRE	21
7.6 MANAGEMENT OF FIRE	21

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