



Dangerous Goods Storage Compatibility Guide

The following tables list the requirements (under AS/NZS 3833:2007) for the separation of, and segregation within, stores containing more than one class of dangerous goods, in quantities exceeding those given for minor storage. These requirements do not apply to minor storage or retail storage.

Dangerous Goods classes not covered in this guide are subject to different standards.

Note: Generally, Explosives and Radioactive Substances are incompatible with everything.

		Class	2	3	4	5	6	8				
COMPRESSED GASES	2.1 Flammable		C	KA	S	S	S	I	KA	KA		
	2.2 Non-flammable /Non-toxic		KA	C	KA	SM	S	SM	SM	KA		
FLAMMABLE LIQUIDS	and Combustible Liquids		S	KA	C	KA	S	I	KA	KA		
FLAMMABLE SOLIDS	4.1 Flammable Solids		S	SM	KA	C	KA	S	S	KA	SM	
	4.2 Spontaneously Combustible		S	S	S	KA	C	KA	S	I	KA	KA
	4.3 Dangerous When Wet		S	SM	S	S	KA	C	KA	S	SM	SM
OXIDISING SUBSTANCES	5.1 Oxidising Agents		S	SM	S	S	S	KA	!	S	KA	KA
	5.2 Organic Peroxides		I	S	I	S	I	S	S	C	KA	KA
TOXIC SUBSTANCES			KA	SM	KA	KA	KA	SM	KA	KA	C	SM
CORROSIVE SUBSTANCES			KA	KA	KA	SM	KA	SM	KA	KA	SM	!

DEDICATED COMPRESSED GAS STORE UNDER AS 4332:2004				
Class / Sub-risk	2.1	2.2	2.2 / 5.1	2.3 or 2.3/8
2.1	C	C	KA	KA
2.2	C	C	C	C
2.2 / 5.1	KA	C	C	KA
2.3 or 2.3/8	KA	C	KA	C

MAXIMUM MINOR STORAGE QUANTITIES				
Description	Quantity (kg or L)			
	PG I	PG II	PG III	Combustible Liquids
Total quantity of all dangerous goods	25	250	1000	1500

LEGEND

C	SHOULD BE COMPATIBLE. Consult the SDS or supplier about requirements for individual substances.	S	SHOULD BE SEGREGATED by at least 5m and kept in separate compounds or building compartments.	SM	SEGREGATION MAY BE NECESSARY. Consult the SDS or supplier.
!	COULD BE INCOMPATIBLE or react dangerously. Consult the SDS or supplier about requirements for individual substances.	I	ISOLATION REQUIRED. Dedicated stores or storage cabinets are recommended. Adequate separation from other buildings and boundaries is required.	KA	SHOULD BE KEPT APART by at least 3m. Consult the SDS or supplier.



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