


























SUMMARY OF GHS PICTOGRAMS

	Explosives (divisions 1.1 – 1.4); Self-reactive substances; Organic peroxides.	
	Flammable substances; Pyrophoric substances; Self-heating substances; Substances that emit flammable gases in contact with water.	
	Oxidising substances.	
	Compressed, liquefied, and dissolved gases.	
	Corrosive to metals; Skin corrosion; Serious eye damage.	
	Acute toxicity (oral, dermal, inhalation).	
	Eye or skin irritation; Skin sensitization; Respiratory tract irritation; Narcotic effects.	
	Aspiration hazard; Respiratory sensitization; Carcinogenicity; Germ cell mutagenicity; Reproductive toxicity; Specific target organ toxicity.	
	Acute or chronic hazards to the aquatic environment.	

DANGEROUS GOODS CLASSIFICATIONS

				
CLASS 1	CLASS 2			CLASS 3
Divisions 1.1–1.6 EXPLOSIVES eg. TNT	Division 2.1 FLAMMABLE GASES eg. Acetylene	Division 2.2 NON-FLAMMABLE NON-TOXIC GASES eg. Nitrogen	Division 2.3 TOXIC GASES eg. Chlorine	FLAMMABLE LIQUIDS eg. Petrol
				
CLASS 4			CLASS 5	
Division 4.1 FLAMMABLE SOLIDS eg. Sulfur	Division 4.2 SPONTANEOUSLY COMBUSTIBLE SUBSTANCES eg. Zinc Dust	Division 4.3 DANGEROUS WHEN WET eg. Calcium Carbide	Division 5.1 OXIDISING SUBSTANCES eg. Silver Nitrate	Division 5.2 ORGANIC PEROXIDES eg Methyl Ethyl Ketone Peroxide
				
CLASS 6	CLASS 7	CLASS 8	CLASS 9	
Division 6.1 TOXIC SUBSTANCES eg. Sodium Cyanide	Division 6.2 INFECTIOUS SUBSTANCES eg. Anthrax	RADIOACTIVE SUBSTANCES eg. Uranium	CORROSIVE SUBSTANCES eg. Hydrochloric Acid	MISCELLANEOUS DANGEROUS GOODS eg. Asbestos
DANGEROUS GOODS PACKING GROUPS		PG1: Great Danger	PG2: Medium Danger	PG3: Minor Danger

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STORAGE INCOMPATIBILITIES SEGREGATION 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.

Class		Division		2	3	4		5		6	8		
COMPRESSED GASES	2.1 Flammable	2.2 Non-flammable/Non-toxic	2	C	KA	S	S	S	S	S	I	KA	KA
				KA	C	KA	SM	S	SM	SM	S	SM	KA
FLAMMABLE LIQUIDS	and Combustible Liquids		3	S	KA	C	KA	S	S	S	I	KA	KA
FLAMMABLE SOLIDS	4.1 Flammable Solids		4	S	SM	KA	C	KA	S	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		5	S	SM	S	S	S	KA	!	S	KA	KA
	5.2 Organic Peroxides			I	S	I	S	I	S	S	S	C	KA
TOXIC SUBSTANCES			6	KA	SM	KA	KA	KA	SM	KA	KA	C	SM
CORROSIVE SUBSTANCES			8	KA	KA	KA	SM	KA	SM	KA	KA	SM	!

LEGEND

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

DEDICATED COMPRESSED GAS STORE UNDER AS 4332:2004

Div	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

IMPORTANT NOTE:

Generally, goods classed as Explosives or Radioactive Substances are incompatible with everything.

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

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