

SUMMARY OF GHS PICTOGRAMS



Explosive

(divisions 1.1 – 1.4);
Self-reactive substances;
Organic peroxides.



Flammable

Flammable substances;
Pyrophoric substances;
Self-heating substances;
Substances that emit flammable
gases in contact with water.



Oxidising

Oxidising substances.



Corrosive

Corrosive to metals;
Skin corrosion;
Serious eye damage.



Toxic

Acute toxicity
(oral, dermal, inhalation)



Compressed Gas

Compressed, liquefied,
and dissolved gases.



Irritant

Eye or skin irritation;
Skin sensitization;
Respiratory tract irritation;
Narcotic effects.



Health Hazard

Aspiration hazard; Respiratory
sensitization; Carcinogenicity;
Germ cell mutagenicity;
Reproductive toxicity; Specific
target organ toxicity.



Environmental Hazard

Acute or chronic hazards to
the aquatic environment.

DANGEROUS GOODS CLASSIFICATIONS



CLASS 1

Divisions 1.1–1.6

EXPLOSIVES

eg. Anfo



CLASS 2

Division 2.1

FLAMMABLE GASES

eg. Acetylene

Division 2.2

NON-FLAMMABLE NON-TOXIC GASES

eg. Nitrogen



Division 2.3

TOXIC GASES

eg. Chlorine



CLASS 3

FLAMMABLE LIQUIDS

eg. Petrol



CLASS 4

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

CLASS 5

Division 5.1

OXIDISING SUBSTANCES

eg. Silver Nitrate

Division 5.2

ORGANIC PEROXIDES

eg Benzoyl Peroxide



CLASS 6

Division 6.1

TOXIC SUBSTANCES

eg. Sodium Cyanide

Division 6.2

INFECTIOUS SUBSTANCES

eg. Anthrax

CLASS 7

RADIOACTIVE
SUBSTANCES

eg. Uranium

CLASS 8

CORROSIVE
SUBSTANCES

eg. Hydrochloric Acid

CLASS 9

MISCELLANEOUS
DANGEROUS
GOODS

eg. Asbestos

DANGEROUS GOODS PACKING GROUPS

PG I: Great
Danger

PG II: Medium
Danger

PG III: Minor
Danger

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RMIT
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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. Dangerous Goods classes not covered in this guide are subject to different standards. In certain jurisdictions, workplace safety regulations and guidelines may apply even to quantities defined as 'minor storage'.

Class		Division		2.1	2.2	3	4.1	4.2	4.3	5.1	5.2	6	8
COMPRESSED GASES	2.1 Flammable	2		C	3m	5m	5m	5m	5m	5m	I	3m	3m
	2.2 Non-flammable/Non-toxic			3m	C	3m	?	5m	?	?	5m	?	3m
FLAMMABLE AND COMBUSTIBLE LIQUIDS		3		5m	3m	C	3m	5m	5m	5m	I	3m	3m
FLAMMABLE SOLIDS	4.1 Flammable Solids	4		5m	?	3m	C	3m	5m	5m	5m	3m	?
	4.2 Spontaneously Combustible			5m	5m	5m	3m	C	3m	5m	I	3m	3m
	4.3 Dangerous When Wet			5m	?	5m	5m	3m	C	3m	5m	?	?
OXIDISING SUBSTANCES	5.1 Oxidising Agents	5		5m	?	5m	5m	5m	3m	*	5m	3m	3m
	5.2 Organic Peroxides			I	5m	I	5m	I	5m	5m	5m	C	3m
TOXIC SUBSTANCES		6		3m	?	3m	3m	3m	?	3m	3m	C	?
CORROSIVE SUBSTANCES		8		3m	3m	3m	?	3m	?	3m	3m	?	*

LEGEND	
C	SHOULD BE COMPATIBLE. Consult the SDS or supplier about requirements for individual substances.
?	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.
3m	SHOULD BE KEPT APART by at least 3m. Consult the SDS or supplier.
5m	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	3m	3m	
2.2	C	C	C	C	
2.2 / 5.1	3m	C	C	3m	
2.3 or 2.3/8	3m	C	3m	C	

IMPORTANT NOTE:

Generally, goods classed as **Explosives (DG1)** or **Radioactive Substances (DG7)** 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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