



**UNITED NATIONS (UN) /
GLOBAL HARMONISED
SYSTEM (GHS) PICTOGRAM**

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	Flammable Gas	Suitable to store together	Suitable to store together	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Isolate	Isolate	Segregate	Segregate
	Gases Under Pressure	Suitable to store together	Suitable to store together	Suitable to store together	Suitable to store together	Segregate	Segregate	Segregate	Segregate	Isolate	Isolate	Segregate	Segregate
	Toxic	Segregate	Suitable to store together	May Not be compatible check SDS & notes	Segregate	Segregate	Segregate	Segregate	Segregate	Isolate	Isolate	Segregate	Segregate
	Oxidizing Gas	Segregate	Suitable to store together	Segregate	Suitable to store together	Segregate	Segregate	Segregate	Segregate	Isolate	Isolate	Segregate	Segregate
	Flammable Liquids	Segregate	Segregate	Segregate	Segregate	Suitable to store together	Segregate	Segregate	Segregate	Isolate	Isolate	Segregate	Segregate
	Flammable Solids	Segregate	Segregate	Segregate	Segregate	Segregate	Suitable to store together	Segregate	Segregate	Isolate	Isolate	Segregate	May Not be compatible check SDS & notes
	Spontaneously Combust	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Suitable to store together	Segregate	Isolate	Isolate	Segregate	Segregate
	Dangerous When Wet	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Suitable to store together	Isolate	Isolate	Segregate	Segregate
	Oxidizing Agent	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Segregate	Segregate
	Organic Peroxide	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Isolate	Suitable to store together	Isolate	Segregate
	Toxic Substance	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Segregate	Isolate	Suitable to store together	Segregate
	Corrosive	Segregate	Segregate	Segregate	Segregate	Segregate	May Not be compatible check SDS & notes	Segregate	Segregate	Segregate	Segregate	Segregate	May Not be compatible check SDS & notes

GENERAL GUIDELINES

The Safe Method of Use (SMoU) for particular classes of chemicals and MSDS of specific chemicals must be consulted for specific requirements for storage, use and disposal at all time.

SEGREGATION

- The purpose of segregation is to prevent inadvertent mixing of incompatible substances that would lead to a dangerous reaction [SMoU 6]
- Segregation can be achieved by the use of distance or secondary containment
- The distance required for segregation will depend on the quantity of incompatible substances and their mobility. Containment of less than 100ml or 100 g require very small distance to achieve segregation. [SMoU 6]
- If the aggregate capacity is >5 kg or L consult the MSDS and no more than 100 L should be stored in any one flammable goods cabinet. [SMoU 6]

ISOLATION OR SEPARATION

- This refers to organic peroxides for which dedicated stores or storage cabinets are recommended
- Storage cabinet containing incompatible substances shall be separated by at least 1.0m horizontally. Cabinets with secondary containment in each cabinet shall be separated by not less than 0.5m [SMoU 6]

★ May not be compatible with own class

* Do not store under fire suppressant system (E.g. Sprinklers)

Contact with flammables or combustible substance causes vigorous oxidation reactions resulting in spontaneous heat production and possible fire/explosion.