




















Table of Incompatible Substances under the HSNO Act

From the Hazardous Substances (Classes 1 to 5) Regulations [Sch 3, Table 1; Part 5 §87; Part 6 §105]

The HSNO regulations specify the following incompatibilities for the purposes of the segregation requirements of the regulations. Other incompatibilities between specific substances may exist, and a Safety Data Sheet should be consulted to determine these.

		Class 1		Class 2		Class 3		Class 4					Class 5		Where an [x] is marked the intersecting substances are classed as incompatible.			
				2.1.1	2.1.2	3.1	3.2	4.1.1	4.1.2	4.1.3	4.2	4.3						
	2.1.1	x		x		x				x				x	For each class read across from the left hand column to determine its incompatibilities.			
	2.1.2	x				x				x				x				
	3.1	x		x			x			x				x	These tables were checked against the regulations in June 2007, we can take no responsibility for any errors within or subsequent changes.			
	3.2	x		x		x			x		x	x		x				
	4.1.1 (readily combustible)	x		x					x	x	x	x		x	Any substance likely to cause a spark when struck against such a class 4.1.1 substance			
	4.1.1 (fire via friction)																	
	4.1.2	Catalytic impurities having a detrimental influence on the thermal stability and hazard presented by class 4.1.2 substances																
	4.1.3	x		x		x					x			x				
																Air	Oxygen	Water
	4.2	x		x		x		x	x	x			x	x		x		
	4.3	x		x		x		x	x	x	x			x	x			x

		Class 1	Class 2	Class 3	Class 4	Class 5.1.1 & 5.1.2	Class 5.2	Class 6.1A, B, C	Class 8	Organic Matter*	Zn or Mg Powdered metals†	Air combustibles‡
												
	5.1.1	x	x	x	x		x	x	x	x	x	x
	5.1.2	x	x	x	x		x	x	x	x	x	x
	5.2	x	x	x	x	x		x	x		x	x

Also ... any substance or material with which the Class 5 substance may react causing combustion, generate an explosion, steam, hot vapours or class 6, 8, or 9 substances.

* any organic matter, or substance that contains carbon, in a form that will combust with the class 5.1.1 or 5.1.2 substance

† zinc or magnesium in any form, any powdered metal

‡ any substance or material that will combust with air or will combust with or catalyse the decomposition of a class 5.1.1 or 5.1.2 or 5.2 substance

