

Building Blocks

Hazard Class	EU CLP	US OSHA HCS	4 th UN GHS
Physical Hazards			
EXPLOSIVES	Unstable/Div 1.1/Div 1.2/Div 1.3/Div 1.4/Div 1.5/Div 1.6		
FLAMMABLE GASES	1/2		1/2/ A (unstable gas)/ B (unstable gas)
AEROSOLS	Flammable aerosols 1/2		1/2/ 3 (unflammable aerosols)
OXIDIZING GASES	1		
GASES UNDER PRESSURE	Compressed/Liquified/Refrigerated/Dissolved		
FLAMMABLE LIQUIDS	1/2/3	1/2/3/4(US has adopted cat. 4)	
FLAMMABLE SOLIDS	½		
SELF-REACTIVE SUBSTANCES AND MIXTURES	A/B/C/D/E/F/G		
PYROPHORIC LIQUIDS	1		
PYROPHORIC SOLIDS	1		
SELF-HEATING SUBSTANCES AND MIXTURES	½		
SUBSTANCES AND MIXTURES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES	1/2/3		
OXIDIZING LIQUIDS	1/2/3		
OXIDIZING SOLIDS	1/2/3		
ORGANIC PEROXIDES	A/B/C/D/E/F/G		
CORROSIVE TO METALS	1		
Health Hazards			
ACUTE TOXICITY	1-4		1- 5
SKIN CORROSION/IRRITATION	1A/1B/1C/2		
EYE DAMAGE/IRRITATION	1/2A	1/2A/ 2B	
SENSITIZATION – RESPIRATORY	1A/1B		
SENSITIZATION - SKIN	1A/1B		
GERM CELL MUTAGENICITY	1A/1B/2		
TOXIC TO REPRODUCTION	1A/1B/2/ EFFECTS ON OR VIA LACTATION(Please note that the cut-off value is 0.1% in US, not 0.3% and 3% in EU)		
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure)	1/2/3		
SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure)	½		
ASPIRATION HAZARD	1		½
Environmental Hazards			
ACUTE HAZARD TO THE AQUATIC ENVIRONMENT	1	Not required	1/2/3
CHRONIC HAZARD TO THE AQUATIC ENVIRONMENT	1/2/3/4	Not required	1/2/3/4
HAZAROUS TO THE OZONE LAYER	1	Not required	1
Other Hazards			
Other Unique Hazards	EU Supplementary Hazards:	OSHA defined hazards :	

	<p>EUH029 Contact with water liberates toxic gas EUH014-Reacts violently with water, etc</p>	<p>Pyrophoric Gas, Simple Asphyxiant, Combustible Dust</p>	
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