



The Classification,
Labelling &
Packaging
Regulation (EC)
No. 1272/2008

NEW HAZARD
CLASSES AND
HAZARD
CATEGORIES
&
NEW
PICTOGRAMS

PHYSICAL HAZARDS					
Hazard classes and hazard categories	Label elements / NEW	Label elements / OLD			
Unstable explosives Explosives, divisions 1.1 to 1.3 Self-reactive substances, mixtures, types A, B Organic peroxides, types A, B	H200 H201, H202, H203 H240, H241 H240, H241	(R2, R3)	Danger	Explosive	
Explosives, division 1.4	H240	No classification	Warning		
Flammable gases, category 1 Flammable aerosols, category 1 Flammable liquids, category 1	H220 H222 H224	(R12) (R12) R12	Warning/ Danger	Extremely Flammable	
Flammable liquids, category 2 Flammable solids, category 1 Flammable solids, category 2	H225 H228 H228	R11 (R11) (R11)		Highly Flammable	
Flammable aerosols, category 2 Flammable liquids, category 3	H223 H226	No symbol (R10) R10	Warning	Flammable	
Pyrophoric liquids, category 1 Pyrophoric solids, category 1 Substances, mixtures which in contact with water emit flammable gases, categories 1, 2, 3	H250 H250 H260, H261 H261	R17 R17 (R15), (R15) (R15)	Warning/ Danger	Highly Flammable	
Self-reactive substances, mixtures, type B Self-reactive substances, mixtures, types C, D, E, F Self-heating substances, mixtures, categories 1, 2	H241 H242, H242 H251, H252	R12 R12		Highly Flammable	
Organic peroxides, type B Organic peroxides, types C, D Organic peroxides, types E, F	H241 H242 H242	R7 R7	Warning/ Danger	Oxidising	
Oxidising gases, category 1 Oxidising liquids, categories 1, 2, 3 Oxidising solids, categories 1, 2, 3	H270 H271, H272, H272 H271, H272, H272	R8 R8, R9 R8, R9		Oxidising	
Gases under pressure – Compressed gases – Liquefied gases – Refrigerated liquefied gases – Dissolved gases	H280 H280 H281 H280	No classification	Warning		
Corrosive to metals, category 1	H290	No classification	Warning		

HEALTH HAZARDS					
Hazard classes and hazard categories	Label elements / NEW	Label elements / OLD			
Acute toxicity (oral, dermal, inhalation), categories 1, 2	H300, H310 H330	(R23, R24) R26	Danger	Very Toxic	
Acute toxicity (oral, dermal, inhalation), category 3	H301, H311 H331	R25, R24 R23			Toxic
Germ cell mutagenicity, categories 1A, 1B Carcinogenicity, categories 1A, 1B Reproductive toxicity, categories 1A, 1B Specific Target Organ Toxicity, single exposure, category 1 Specific Target Organ Toxicity, repeated exposure, category 1	H340 H350 H360 H370 H372	R46 R45, R49 R60, R61 R39 R48	Danger	Toxic	
Respiratory sensitisation, category 1 Aspiration hazard, category 1	H334 H304	R42 R65			Harmful
Germ cell mutagenicity, category 2 Carcinogenicity, category 2 Reproductive toxicity, category 2 Specific Target Organ Toxicity, single exposure, category 2 Specific Target Organ Toxicity, repeated exposure, category 2	H341 H351 H361 H371 H373	R68 R40 R62, R63 R68 R48	Warning	Harmful	
Acute toxicity (oral, dermal, inhalation), category 4	H302 H312 H332	R22 R21 R20			Harmful
Skin corrosion, categories 1A, 1B, 1C	H314	R34, R35	Danger	Corrosive	
Serious eye damage, category 1	H318	R41			Harmful
Skin irritation, category 2 Eye irritation, category 2 Skin sensitisation, category 1 Specific Target Organ Toxicity after single exposure, category 3 • Respiratory tract irritation	H315 H319 H317 H335	R38 R36 R43 R37	Warning	Irritant	
Specific Target Organ Toxicity after single exposure, category 3 • Narcotic effects	H336	No symbol R67			

ENVIRONMENTAL HAZARDS					
Hazard classes and hazard categories	Label elements / NEW	Label elements / OLD			
Hazardous to the aquatic environment, acute, category 1 Hazardous to the aquatic environment, chronic, category 1	H400 H410	R50 R50/53	Warning	Dangerous for the environment	
Hazardous to the aquatic environment, chronic, category 2	H411	R51/53			
Hazardous to the ozone layer	EUH 059	No classification			

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