

## Classification and labelling table according to Regulation EU 1272/2008 (CLP) and its current amendments

Commission Delegated Regulation (EU) 2023/707 (19 December 2022)

CLASSIFICATION			LABELLING			
HAZARDS						
Hazard Class	Hazard Category	Class and Code of Category	Code of Pictogram <sup>1</sup>	Signal word	Code <sup>1</sup>	Hazard Statements
<b>2.1.<sup>2</sup> Explosives</b>	Unstable explosives	Unst. Expl.	GHS01	Danger	H200	Unstable Explosive
	Division 1.1	Expl. 1.1			H201	Explosive; mass explosion hazard
	Division 1.2	Expl. 1.2			H202	Explosive; severe projection hazard
	Division 1.3	Expl. 1.3			H203	Explosive; fire, blast or projection hazard
	Division 1.4	Expl. 1.4	Warning	H204	Fire or projection hazard	
	Division 1.5	Expl. 1.5	No pictogram	Danger	H205	May mass explode in fire
	Division 1.6	Expl. 1.6	No pictogram	No signal word	-	No hazard statement
<b>2.2. Flammable gases</b>	Gases categorised as 1A meeting pyrophoric or unstable gas A/B criteria	Flam. Gas 1A	GHS02	Danger	H220	Extremely flammable gas
		Pyr. Gas			H220	Extremely flammable gas
		Chem. Unst. Gas A			H232	May ignite spontaneously if exposed to air
		Chem. Unst. Gas B			H220 H230	Extremely flammable gas May react explosively even in the absence of air
	Category 1B	Flam. Gas 1B	H220 H231	Extremely flammable gas May react explosively even in the absence of air at elevated pressure and/or temperature		
	Category 2	Flam. Gas 2	No pictogram	Warning	H221	Flammable gas
	<b>2.3. Aerosols</b>	Category 1	Aerosol 1	GHS02	Danger	H222
Category 2		Aerosol 2	H229			Pressurised container: May burst if heated
			Warning		H223	Flammable aerosol
Category 3	Aerosol 3	No pictogram	Warning	H229	Pressurised container: May burst if heated	
<b>2.4. Oxidising gases</b>	Category 1	Ox. Gas 1	GHS03	Danger	H270	May cause or intensify fire; oxidiser

1. The pictogram code and the H statement code do not need to be placed on the label.

2. Numbering of hazard classes according to Annex I to the CLP Regulation.












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Hazard Class	Hazard Category	Class and Code of Category	Code of Pictogram	Signal word	Code	Hazard Statements
2.5. Gases under pressure (*)	Compressed gas	Press. Gas (Comp.)	GHS04	Warning	H280	Contains gas under pressure; may explode if heated
	Liquefied gas	Press. Gas (Liq.)			H280	Contains gas under pressure; may explode if heated
	Refrigerated liquefied gas	Press. Gas (Ref. Liq.)			H281	Contains refrigerated gas; may cause cryogenic burns or injury
	Dissolved gas	Press. Gas (Diss.)			H280	Contains gas under pressure; may explode if heated
(*) The hazard class "Gases under pressure" is classified according to the physical state at the time of filling into groups, not categories.						
2.6. Flammable liquids	Category 1	Flam. Liq. 1	GHS02	Danger	H224	Extremely flammable liquid and vapour
	Category 2	Flam. Liq. 2		Danger	H225	Highly flammable liquid and vapour
	Category 3	Flam. Liq. 3		Warning	H226	Flammable liquid and vapour
2.7. Flammable solids	Category 1	Flam. Sol. 1	GHS02	Danger	H228	Flammable Solid
	Category 2	Flam. Sol. 2		Warning	H228	Flammable Solid
2.8. Self-reactive substances and mixtures (**)	Type A	Self-react. A	GHS01	Danger	H240	Heating may cause an explosion
		Org. Perox. A			H240	Heating may cause an explosion
	Type B	Self-react. B	GHS01 + GHS02		H241	Heating may cause a fire or explosion
		Org. Perox. B			H241	Heating may cause a fire or explosion
2.15. Organic peroxides (***)	Type C & D	Self-react. CD	GHS02	Danger	H242	Heating may cause a fire
		Org. Perox. CD				
Type E & F	Self-react. EF	GHS02	Warning	H242	Heating may cause a fire	
	Org. Perox. EF					
Type G	Self-react. G	There are no label elements allocated to this hazard category				
(***) Both hazard classes have the same principle of division into categories, and some of the labelling elements are similar, therefore they are combined in one section.						
2.9. Pyrophoric liquids	Category 1	Pyr. Liq. 1	GHS02	Danger	H250	Catches fire spontaneously if exposed to air
2.10. Pyrophoric solids	Category 1	Pyr. Sol. 1		Danger	H250	Catches fire spontaneously if exposed to air
2.11. Self-heating substances and mixtures	Category 1	Self-heat. 1		Danger	H251	Self-heating; may catch fire
	Category 2	Self-heat. 2		Warning	H252	Self-heating in large quantities; may catch fire
2.12. Substances and mixtures which in contact with water emit flammable gases	Category 1	Water-react. 1		Danger	H260	In contact with water releases flammable gases which may ignite spontaneously
	Category 2	Water-react. 2		Danger	H261	In contact with water releases flammable gases
	Category 3	Water-react. 3		Warning	H261	In contact with water releases flammable gases

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Hazard Class	Hazard Category	Class and Code of Category	Code of Pictogram	Signal word	Code	Hazard Statements
2.13. Oxidising liquids <sup>(**)</sup>	Category 1	Ox. Liq. 1	GHS03	Danger	H271	May cause fire or explosion; strong oxidiser
		Ox. Sol. 1				
Category 2	Ox. Liq. 2	GHS03		Danger	H272	May intensify fire; oxidiser
	Ox. Sol. 2					
2.14. Oxidising solids <sup>(**)</sup>	Category 3	Ox. Liq. 3	GHS03	Warning	H272	May intensify fire; oxidiser
<sup>(**)</sup> Both hazard classes have the same principle of division into categories, and some of the labelling elements are similar, therefore they are combined in one section.						
2.16. Substances and mixtures corrosive to metals	Category 1	Met. Corr. 1	GHS05	Warning	H290	May be corrosive to metals
2.17. Desensitised explosives	Category 1	Desen. Expl. 1	GHS02	Danger	H206	Fire, blast or projection hazard; increased risk of explosion if desensitizing agent is reduced
	Category 2	Desen. Expl. 2			H207	Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced
	Category 3	Desen. Expl. 3.		Warning	H207	Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced
	Category 4	Desen. Expl. 4			H208	Fire hazard; increased risk of explosion if desensitizing agent is reduced
3.1. Acute toxicity	Category 1	Acute Tox. 1	GHS06	Danger	H300	Fatal if swallowed
	Category 2	Acute Tox. 2			H310	Fatal in contact with skin
					H330	Fatal if inhaled
	Category 3	Acute Tox. 3			H301	Toxic if swallowed
Category 4	Acute Tox. 4	GHS07	Warning	H311	Toxic in contact with skin	
				H331	Toxic if inhaled	
3.2. Skin corrosion/irritation	Sub-Categories 1A/1B/1C and Category 1	Skin Corr. 1A	GHS05	Danger	H314	Causes severe skin burns and eye damage
		Skin Corr. 1B				
		Skin Corr. 1C				
	Category 2	Skin Irrit. 2	GHS07	Warning	H315	Causes skin irritation

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Hazard Class	Hazard Category	Class and Code of Category	Code of Pictogram	Signal word	Code	Hazard Statements
3.3. Serious eye damage/eye irritation	Category 1	Eye Dam. 1	GHS05	Danger	H318	Causes serious eye damage
	Category 2	Eye Irrit. 2		Warning	H319	Causes serious eye irritation
3.4. Respiratory or skin sensitisation	Respiratory sensitisation Category 1 and subcategories 1A and 1B	Resp. Sens. 1, 1A, 1B	GHS08	Danger	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
	Skin sensitization Category 1 and subcategories 1A and 1B	Skin Sens. 1, 1A, 1B		Warning	H317	May cause an allergic skin reaction
3.5. Cilmes šūnu mutagenitāte	Category 1 (Category 1A, 1B)	Muta. 1A Muta. 1B	GHS08	Danger	H340	May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard) (***)
	Category 2	Muta. 2		Warning	H341	Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard) (***)
3.6. Kancerogenitāte	Category 1 (Category 1A, 1B)	Carc. 1A Carc. 1B		Danger	H350	May cause cancer (***)
	Category 2	Carc. 2		Warning	H351	Suspected of causing cancer (***)
(***) State the route of exposure if it is conclusively proven that other routes of exposure do not cause the hazard.						
3.7. Reproductive toxicity	Category 1 (Category 1A, 1B)	Repr. 1A Repr. 1B	GHS08	Danger	H360	May damage fertility or the unborn child (state specific effect if known) (***)
					H360F	May damage fertility
					H360D	May damage the unborn child
					H360FD	May damage fertility. May damage the unborn child
					H360Fd	May damage fertility. Suspected of damaging the unborn child
	Category 2	Repr. 2		H360Df	May damage the unborn child. Suspected of damaging fertility	
				H361	Suspected of damaging fertility or the unborn child (state specific effect if known). (***)	
				H361f	Suspected of damaging fertility	
				H361d	Suspected of damaging the unborn child	
Additional category for effects on or via lactation	Lact.	No pictogram	No signal word	H362	May cause harm to breast-fed children	
					H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child
(***) State the route of exposure if it is conclusively proven that other routes of exposure do not cause the hazard.						

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Hazard Class	Hazard Category	Class and Code of Category	Code of Pictogram	Signal word	Code	Hazard Statements
3.8. Specific target organ toxicity after single exposure	Category 1	STOT SE 1	GHS08	Danger	H370	Causes damage to organs (or state all organs affected, if known) (***)
	Category 2	STOT SE 2		Warning	H371	May cause damage to organs (or state all organs affected, if known) (***)
	Category 3	STOT SE 3	GHS07	Warning	H335 vai H336	May cause respiratory irritation or May cause drowsiness or dizziness
(***) State route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.						
3.9. Specific target organ toxicity after repeated exposure	Category 1	STOT RE 1	GHS08	Danger	H372	Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (***)
	Category 2	STOT RE 2		Warning	H373	May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (***)
(***) State route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.						
3.10. Aspiration hazard	Category 1	Asp. Tox. 1	GHS08	Danger	H304	May be fatal if swallowed and enters airways
3.11. Endocrine disruption for human health	Category 1	ED HH 1	No pictogram	Danger	EUH380	May cause endocrine disruption in humans
	Category 2	ED HH 2		Warning	EUH381	Suspected of causing endocrine disruption in humans
4.1. Hazardous to the aquatic environment	Acute 1	Aquatic Acute 1	GHS09	Warning	H400	Very toxic to aquatic life
	Chronic 1	Aquatic Chronic 1		Warning	H410	Very toxic to aquatic life with long lasting effects
	Chronic 2	Aquatic Chronic 2		No signal word	H411	Toxic to aquatic life with long lasting effects
	Chronic 3	Aquatic Chronic 3	No pictogram	No signal word	H412	Harmful to aquatic life with long lasting effects
	Chronic 4	Aquatic Chronic 4			H413	May cause long lasting harmful effects to aquatic life
4.2. Endocrine disruption for the environment	Category 1	ED ENV 1	No pictogram	Danger	EUH430	May cause endocrine disruption in the environment
	Category 2	ED ENV 2		Warning	EUH431	Suspected of causing endocrine disruption in the environment
4.3. Persistent, Bioaccumulative and Toxic or Very Persistent, Very Bioaccumulative properties	-	PBT	No pictogram	Danger	EUH440	Accumulates in the environment and living organisms including in humans
	-	vPvB		Danger	EUH441	Strongly accumulates in the environment and living organisms including in humans
4.4. Persistent, Mobile and Toxic or Very Persistent, Very Mobile properties	-	PMT	No pictogram	Danger	EUH450	Can cause long-lasting and diffuse contamination of water resources
	-	vPvM		Danger	EUH451	Can cause very long-lasting and diffuse contamination of water resources
5.1. Hazardous to the ozone layer	-	Ozone 1	GHS07	Warning	H420	Harms public health and the environment by destroying ozone in the upper atmosphere

## CLP Regulation pictograms and hazard classes

	Explosives		Skin corrosion / irritation
	Self-reactive substances and mixtures		Serious eye damage/eye irritation
	Organic peroxides		Substances and mixtures corrosive to metals
	Flammable gases		Respiratory or skin sensitisation
	Aerosols		Germ cell mutagenicity
	Organic peroxide		Carcinogenicity
	Pyrophoric liquids		Aspiration hazard
	Self-heating substances and mixtures		Reproductive toxicity
	Substances and mixtures which in contact with water emit flammable gases		Specific target organ toxicity (single/ repeated exposure)
			Acute toxicity
	Oxidising gases		Skin corrosion / irritation
	Oxidising liquids		Serious eye damage/eye irritation
	Oxidising solids		Respiratory or skin sensitisation
	Gases under pressure		Specific target organ toxicity (single/ repeated exposure)
	Acute toxicity		Hazardous to the ozone layer
			Hazardous to the aquatic environment

## Hazard statements according to the CLP Regulation

H200 – H299	Physical hazard
H300 – H399; EUH380 EUH381	Health hazard
H400 – 499 EUH430 EUH431 EUH440 EUH441 EUH450 EUH451	Environmental hazard

## Precautionary statements according to the CLP Regulation

P100-P199	General
P200-P299	Prevention
P300-P399	Response
P400-P499	Storage
P500-P599	Disposal

## Additional labelling requirements according to Annex II of CLP

EUH014	Reacts violently with water
EUH018	In use, may form flammable/explosive vapour-air mixture
EUH019	May form explosive peroxides
EUH044	Risk of explosion if heated under confinement
EUH029	Contact with water liberates toxic gas
EUH031	Contact with acids liberates toxic gas
EUH032	Contact with acids liberates very toxic gas
EUH066	Repeated exposure may cause skin dryness or cracking
EUH070	Toxic by eye contact
EUH071	Corrosive to the respiratory tract
EUH201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children
EUH201A	Warning! Contains lead
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children
EUH203	Contains chromium (VI). May produce an allergic reaction
EUH204	Contains isocyanates. May produce an allergic reaction.
EUH205	Contains epoxy constituents. May produce an allergic reaction.
EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine)
EUH207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.
EUH208	Contains (name of sensitising substance). May produce an allergic reaction.
EUH209	Can become highly flammable in use
EUH209A	Can become flammable in use
EUH210	Safety data sheet available on request
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

*The project "Chemicals Risk Management and Assessment of Alternatives: Tools and best practices to support circularity, create more sustainable products and avoid regrettable substitution" (LIFE FitForREACH2, No. 101113947 — LIFE22-ENV-EE-LIFE FitforREACH-2) is co-financed with the contribution of the LIFE Programme of the European Union.*



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