


# LABEL ELEMENTS OF THE CLP REGULATION



## MEMO





This four-page memo provides a concise presentation of the labelling elements according to the main hazards of chemicals subject to European Union legislation.


# Physical hazards


EXPLOSIVE	
PICTOGRAM	HAZARD STATEMENT
	<b>H200</b> Unstable explosives
	<b>H201</b> Explosive; mass explosion hazard
	<b>H202</b> Explosive, severe projection hazard
	<b>H203</b> Explosive; fire, blast or projection hazard
	<b>H204</b> Fire or projection hazard
	<b>H240</b> Heating may cause an explosion
No pictogram	<b>H205</b> May mass explode in fire <b>H230</b> May react explosively even in the absence of air <b>H231</b> May react explosively even in the absence of air at elevated pressure and/or temperature

EXPLOSIVE AND FLAMMABLE	
PICTOGRAM	HAZARD STATEMENT
 	<b>H241</b> Heating may cause a fire or explosion
	<b>H241</b> Heating may cause a fire or explosion

OXIDIZER	
PICTOGRAM	HAZARD STATEMENT
	<b>H270</b> May cause or intensify fire; oxidiser
	<b>H271</b> May cause fire or explosion; strong oxidiser
	<b>H272</b> May intensify fire; oxidiser



CORROSIVE TO METALS	
PICTOGRAM	HAZARD STATEMENT
	<b>H290</b> May be corrosive to metals

FLAMMABLE	
PICTOGRAM	HAZARD STATEMENT
	<b>H206</b> Fire, blast or projection hazard; increased risk of explosion if desensitising agent is reduced
	<b>H207</b> Fire or projection hazard; increased risk of explosion if desensitising agent is reduced
	<b>H208</b> Fire hazard; increased risk of explosion if desensitising agent is reduced
	<b>H220</b> Extremely flammable gas
	<b>H222</b> Extremely flammable aerosol
	<b>H223</b> Flammable aerosol
	<b>H224</b> Extremely flammable liquid and vapour
	<b>H225</b> Highly flammable liquid and vapour
	<b>H226</b> Flammable liquid and vapour
	<b>H228</b> Flammable solid
	<b>H242</b> Heating may cause a fire
	<b>H250</b> Catches fire spontaneously if exposed to air
	<b>H251</b> Self-heating; may catch fire
	<b>H252</b> Self-heating in large quantities; may catch fire
	<b>H260</b> In contact with water releases flammable gases which may ignite spontaneously
	<b>H261</b> In contact with water releases flammable gases
	No pictogram
	<b>H221</b> Flammable gas
	<b>H232</b> May ignite spontaneously if exposed to air



PRESSURISED CONTAINER	
PICTOGRAM	HAZARD STATEMENT
	<b>H280</b> Contains gas under pressure; may explode if heated
	<b>H281</b> Contains refrigerated gas; may cause cryogenic burns or injury
No pictogram	<b>H229</b> Pressurised container: may burst if heated

# Health hazards


## ACUTE TOXICITY

PICTOGRAM	HAZARD STATEMENT
	<b>H300</b> Fatal if swallowed * <b>H301</b> Toxic if swallowed * <b>H310</b> Fatal in contact with skin * <b>H311</b> Toxic in contact with skin * <b>H330</b> Fatal if inhaled * <b>H331</b> Toxic if inhaled *
	<b>H302</b> Harmful if swallowed * <b>H312</b> Harmful in contact with skin * <b>H332</b> Harmful if inhaled *

## SPECIFIC TARGET ORGAN TOXICITY AFTER SINGLE EXPOSURE


PICTOGRAM	HAZARD STATEMENT
	<b>H304</b> May be fatal if swallowed and enters airways. <b>H370</b> Causes damage to organs <sup>1, 2</sup> <b>H371</b> May cause damage to organs <sup>1, 2</sup>
	<b>H336</b> May cause drowsiness or dizziness

## SPECIFIC TARGET ORGAN TOXICITY AFTER REPEATED EXPOSURE


PICTOGRAM	HAZARD STATEMENT
	<b>H372</b> Causes damage to organs <sup>1</sup> through prolonged or repeated exposure <sup>2</sup> <b>H373</b> May cause damage to organs <sup>1</sup> through prolonged or repeated exposure <sup>2</sup>

\* These statements can be combined.



## CORROSION

PICTOGRAM	HAZARD STATEMENT
	<b>H314</b> Causes severe skin burns and eye damage <b>H318</b> Causes serious eye damage


## IRRITATION

PICTOGRAM	HAZARD STATEMENT
	<b>H315</b> Causes skin irritation <b>H319</b> Causes serious eye irritation <b>H335</b> May cause respiratory irritation


## SENSITISER

PICTOGRAM	HAZARD STATEMENT
	<b>H334</b> May cause allergy or asthma symptoms or breathing difficulties if inhaled
	<b>H317</b> May cause an allergic skin reaction


## CARCINOGEN

PICTOGRAM	HAZARD STATEMENT
	<b>H350</b> May cause cancer <sup>2</sup> <b>H351</b> Suspected of causing cancer <sup>2</sup>

## MUTAGEN

PICTOGRAM	HAZARD STATEMENT
	<b>H340</b> May cause genetic defects <sup>2</sup> <b>H341</b> Suspected of causing genetic defects <sup>2</sup>

## TOXIC FOR REPRODUCTION


PICTOGRAM	HAZARD STATEMENT
	<b>H360</b> May damage fertility or the unborn child <sup>2</sup> <b>H361</b> Suspected of damaging fertility or the unborn child <sup>2</sup>
No pictogram	<b>H362</b> May cause harm to breast-fed children

1. Statement of all organs affected, if known.


2. Statement of the route of exposure if it is conclusively proven that no other routes of exposure cause the hazard.

# Environmental hazards

## HAZARDOUS TO THE AQUATIC ENVIRONMENT

PICTOGRAM	HAZARD STATEMENT
	<b>H400</b> Very toxic to aquatic life <b>H410</b> Very toxic to aquatic life with long lasting effects <b>H411</b> Toxic to aquatic life with long lasting effects
No pictogram	<b>H412</b> Harmful to aquatic life with long lasting effects <b>H413</b> May cause long lasting harmful effects to aquatic life

## HAZARDOUS FOR THE OZONE LAYER

PICTOGRAM	HAZARD STATEMENT
	<b>H420</b> Harms public health and the environment by destroying ozone in the upper atmosphere

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# Supplemental hazard information

CODE	HAZARD STATEMENT
EUH 014	Reacts violently with water.
EUH 018	In use may form flammable/explosive vapour-air mixture.
EUH 019	May form explosive peroxides.
EUH 029	Contact with water liberates toxic gas.
EUH 031	Contact with acids liberates toxic gas.
EUH 032	Contact with acids liberates very toxic gas.
EUH 044	Risk of explosion if heated under confinement.
EUH 066	Repeated exposure may cause skin dryness or cracking.
EUH 070	Toxic by eye contact.
EUH 071	Corrosive to the respiratory tract.
EUH 201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.
EUH 201A	Warning! Contains lead.
EUH 202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH 203	Contains chromium (VI). May produce an allergic reaction.
EUH 204	Contains isocyanates. May produce an allergic reaction.
EUH 205	Contains epoxy constituents. May produce an allergic reaction.
EUH 206	Warning! Do not use together with other products. May release dangerous gases (chlorine).
EUH 207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.
EUH 208	Contains (name of sensitising substance). May produce an allergic reaction.
EUH 209	Can become highly flammable in use.
EUH 209A	Can become flammable in use.
EUH 210	Safety data sheet available on request.
EUH 401	To avoid risks to human health and the environment, comply with the instructions for use.