Version 2018.10 rev 5 ,	/ 2018-10-04 15:32	Håkan Ottosson, Karolinska Institutet
Hazard Class	Pictogram	Hazard Statement ¹ / Signal Word H200 Unstable explosive / Danger
Explosives Organic peroxides Self reactive substances and mixtures		H201 Explosive; mass explosive hazard / Danger H202 Explosive; severe projection hazard / Danger H203 Explosive; fire, blast or projection hazard / Danger H204 Explosive; fire or projection hazard / Warning H240 Heating may cause an explosion / Danger H241 Heating may cause a fire or explosion / Danger
Aerosols Desensitized explosives Flammable gases Flammable liquids Flammable solids Organic peroxides Pyrophoric liquids Pyrophoric solids Self-heating substances and mixtures Self reactive substances and mixtures		Desensitized explosives
Oxidizing gases liquids solids		H270 May cause or intensify fire; oxidizer / Danger H271 May cause fire or explosion; strong oxidizer / Danger H272 May intensify fire; oxidizer / Danger or Warning
Gases under pressure		H280 Contains gas under pressure; may explode if heated / Warning H281 Contains refrigerated gas under pressure; may cause cryogenic burns or injury / Warning

1. H=Hazard Statement; First digit: 2=Physical Hazards, 3=Health Hazards, 3=Environmental Hazards; Last digits: sequential number

Chemicals not covered by CLP (1272/2008/EC Article 1 Section 2 & 3)

Most industrial chemicals are covered by the CLP Regulation. Some chemicals that have a more **specialised** job are covered by **more specific legislation**. The CLP Regulation does **not** apply to the following chemicals:

- 2a radioactive substances and mixtures ...
- 2b substances and mixtures subject to customs supervision ...
- 2c non-isolated intermediaries
- 2d substances and mixtures for scientific research and development which are not placed on the market and are only used in controlled conditions ...
- 3 Waste as defined in Directive 2006/12/EC ...

Hazard Class	Pictogram	Hazard	Statement ¹ / Signal Word
Corrosive to			
metals	Pa	H290	May be corrosive to metals / Warning
Eye/Skin		H314	Causes severe skin burns and eye damage / Danger
damage/		H318	Causes serious eye damage / Danger
irritation	Y	11200	Fahal Struckland / Danasa
		H300	Fatal if swallowed / Danger
A auto torrigitar	A	H301 H310	Toxic if swallowed / Danger
Acute toxicity	2000 P	H311	Fatal in contact with skin / Danger Toxic in contact with skin / Danger
		H331	Toxic in contact with skin / Danger
	<u> </u>	H302	Harmful if swallowed / Warning
Acute toxicity		H312	Harmful in contact with skin / Warning
Eye/Skin		H315	Causes skin irritation / Warning
damage/ irritation /		H317	May cause an allergic skin reaction / Warning
sensitization		H319	Causes serious eye irritation / Warning
Specific target		H332	Harmful if inhaled / Warning
organ toxicity -		H335	May cause respiratory irritation / Warning
single exposure	•	H336	May cause drowsiness or dizziness / Warning
Hazardous to the		H420	Harm public health and the environment by destroying ozone in the upper atmosphere
ozone layer			/ Warning
Aspiration		H304	May be fatal if swallowed and enters airways / Danger
hazard		H305	May be harmful if swallowed and enters airways.
Carcinogenicity		H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled / Danger
Germ cell		H340*	May cause genetic defects / Danger
mutagenicity		H341**	Suspect of causing genetic defects / Warning
Respiratory		H350*	May cause cancer / Danger
sensitization		H351**	1 6 , 6
Reproductive toxicity		H360*	May damage fertility or the unborn child / Danger
Specific target		H361**	, , ,
organ toxicity -		H370	Causes damage to organs / Danger
single exposure		H371	May cause damage to organs / Warning
& repeated		H372	Causes damage to organs through prolonged or repeated exposure / Danger
exposure		H373	May cause damage to organs through prolonged or repeated exposure / Warning
		H400	Very toxic to aquatic life / Warning
Hazardous to aquatic	¥ n	H410	Very toxic to aquatic life / warning Very toxic to aquatic life with long lasting effects / Warning
environment	1/2	H411	Toxic to aquatic life with long lasting effects / -
		П411	Toxic to aquatic life with long lasting effects / -
	•		
Acute toxicity		H205	May mass explode in fire / Danger
Explosives		H221	Flammable gas / Warning
Flammable		H227	Combustible liquid.
liquids/gases		H303 H313	May be harmful if swallowed. May be harmful in contact with skin.
Hazardous to	No mists	H316	Causes mild skin irritation.
aquatic	No pictogram	H333	May be harmful if inhaled.
environment, short-term		H362**	·
(Acute)		H401	Toxic to aquatic life.
Skin corrosion/		H402	Harmful to aquatic life.
irritation		H412	Harmful to aquatic life with long lasting effects / -
		H413	May cause long lasting effects to aquatic life / -
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*CMR substances, EU classification

(** not CMR substance according to AFS 2011:19/2014:43)

Cat. 1 A Known to have CMR potential for humans, based largely on human evidence
Conc. limits: carcinogen/mutagen (CM): contains ≥ 0,1% carcinogen or mutagen cat. 1 (A or B); reprotoxic (R): contains ≥ 0,3% reprotoxic

Cat 1 (A to b)

cat 1 (A or B)

Cat. 1 B Presumed to have CMR potential for humans, based largely on experimental animal data. Conc. limits: see Cat. 1A

Cat. 2 Suspected to have CMR potential for humans.

Conc. limits: CM: contains ≥ 1% carcinogen or mutagen cat. 2; R: contains ≥ 0,3% reprotoxic cat. 2

Effects Evidence of adverse effects in the offspring due to transfer in the milk and/or on the quality of the milk and/or the on or via substance is present in potentially toxic levels in breast milk.

lactation Conc. limits: R:contains ≥ 0,3% reprotoxic with effects on or via lactation