

MEMO OF THE LABEL ELEMENTS OF THE CLP REGULATION



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

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PHYSICAL HAZARDS

EXPLOSION



- H200** Unstable explosives.
- H201** Explosive; mass explosion hazard.
- H202** Explosive, severe projection hazard.
- H203** Explosive; fire, blast or projection hazard.
- H204** Fire or projection hazard.
- H240** Heating may cause an explosion.



- H205** May mass explode in fire.
- H230** May react explosively even in the absence of air.
- H231** May react explosively even in the absence of air at elevated pressure and/or temperature.

INFLAMMATION



- H206** Fire, blast or projection hazard; increased risk of explosion if desensitising agent is reduced.
- H207** Fire or projection hazard; increased risk of explosion if desensitising agent is reduced.
- H208** Fire hazard; increased risk of explosion if desensitising agent is reduced.
- H220** Extremely flammable gas.
- H221** Flammable gas.
- H222** Extremely flammable aerosol.
- H223** Flammable aerosol.
- H224** Extremely flammable liquid and vapour.
- H225** Highly flammable liquid and vapour.
- H226** Flammable liquid and vapour.
- H228** Flammable solid.
- H230** May react explosively even in the absence of air.
- H231** May react explosively even in the absence of air at elevated pressure and/or temperature.
- H232** May ignite spontaneously if exposed to air.
- H242** Heating may cause a fire.
- H250** Catches fire spontaneously if exposed to air.
- H251** Self-heating; may catch fire.
- H252** Self-heating in large quantities; may catch fire.
- H260** In contact with water releases flammable gases which may ignite spontaneously.
- H261** In contact with water releases flammable gases.

EXPLOSION AND INFLAMMATION



- H241** Heating may cause a fire or explosion.

COMBUSTION



- H270** May cause or intensify fire; oxidiser.
- H271** May cause fire or explosion; strong oxidiser.
- H272** May intensify fire; oxidiser.

HAZARDS RELATED TO PRESSURISED CONTAINERS



- H280** Contains gas under pressure; may explode if heated.
- H281** Contains refrigerated gas; may cause cryogenic burns or injury.



- H229** Pressurised container: may burst if heated.

CORROSION OF METALS



- H290** May be corrosive to metals.

HEALTH HAZARDS

MORTALITY



- H300** Fatal if swallowed*
- H301** Toxic if swallowed*
- H310** Fatal in contact with skin*
- H311** Toxic in contact with skin*
- H330** Fatal if inhaled*
- H331** Toxic if inhaled*



- H302** Harmful if swallowed*
- H312** Harmful in contact with skin*
- H332** Harmful if inhaled*

CORROSION



- H314** Causes severe skin burns and eye damage.
- H318** Causes serious eye damage.

IRRITATION



- H315** Causes skin irritation.
- H319** Causes serious eye irritation.
- H335** May cause respiratory irritation.

EFFECTS ON SPECIFIC TARGET ORGANS AFTER SINGLE EXPOSURE



- H304** May be fatal if swallowed and enters airways.
- H370** Causes damage to organs^{1,3}.
- H371** May cause damage to organs^{1,3}.



- H336** May cause drowsiness or dizziness.

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EFFECTS ON SPECIFIC TARGET ORGANS AFTER REPEATED EXPOSURE



H372 Causes damage to organs¹ through prolonged or repeated exposure³.

H373 May cause damage to organs¹ through prolonged or repeated exposure³.

SENSITISATION



H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



H317 May cause an allergic skin reaction.

CARCINOGENICITY



H350 May cause cancer³.

H351 Suspected of causing cancer³.

MUTAGENICITY FOR GERM CELLS



H340 May cause genetic defects³.

H341 Suspected of causing genetic defects³.

EFFECTS ON REPRODUCTION



H360 May damage fertility or the unborn child^{2,3}.

H361 Suspected of damaging fertility or the unborn child^{2,3}.



H362 May cause harm to breast-fed children.

ENDOCRINE DISRUPTION FOR HUMAN HEALTH



EUH380 May cause endocrine disruption in humans.

EUH381 Suspected of causing endocrine disruption in humans.

ENVIRONMENTAL HAZARDS

EFFECTS ON THE AQUATIC ENVIRONMENT



H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.



H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

ENDOCRINE DISRUPTION FOR THE ENVIRONMENT



EUH430 May cause endocrine disruption in the environment.

EUH431 Suspected of causing endocrine disruption in the environment.

PERSISTENCE, BIOACCUMULATION AND TOXICITY PROPERTIES



EUH440 Accumulates in the environment and living organisms including in humans.

EUH441 Strongly accumulates in the environment and living organisms including in humans.

PERSISTENCE, MOBILITY AND TOXICITY PROPERTIES



EUH450 Can cause long-lasting and diffuse contamination of water resources.

EUH451 Can cause very long-lasting and diffuse contamination of water resources.

ADDITIONAL HAZARDS

EFFECT ON THE OZONE LAYER



H420 Harms public health and the environment by destroying ozone in the upper atmosphere.

* These statements can be combined.

1. State organs affected.

2. State specific effect.

3. State route of exposure if no other routes cause the hazard.

EUH supplemental hazard information

CODE	LABEL
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.



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