

H and P statements (GHS / CLP)

Příloha č. 3

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL:

Hazard statement: means a phrase assigned to a hazard class and category that describes the nature of the hazards of a hazardous substance or mixture, including, where appropriate, the degree of hazard;

Precautionary statement: means a phrase that describes recommended measure(s) to minimise or prevent adverse effects resulting from exposure to a hazardous substance or mixture due to its use or disposal;

Hazard statements:

The label shall include the relevant hazard statements in accordance with the classification of the hazardous substance or mixture.

The hazard statements shall be worded in accordance with Annex III.

Precautionary statements:

The label shall include the relevant precautionary statements.

The precautionary statements shall be worded in accordance with Part 2 of Annex IV.

Hazard statements (H statements)

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.

H205 – May mass explode in fire.

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.

H240 – Heating may cause an explosion.

H241 – Heating may cause a fire or explosion.

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.

H270 – May cause or intensify fire; oxidiser.

H271 – May cause fire or explosion; strong oxidiser.

H272 – May intensify fire; oxidiser.

H280 – Contains gas under pressure; may explode if heated.

H281 – Contains refrigerated gas; may cause cryogenic burns or injury.

H290 – May be corrosive to metals.

H300 – Fatal if swallowed.

H301 – Toxic if swallowed.

H302 – Harmful if swallowed.

H304 – May be fatal if swallowed and enters airways.

H310 – Fatal in contact with skin.

H311 – Toxic in contact with skin.

H312 – Harmful in contact with skin.

H314 – Causes severe skin burns and eye damage.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H318 – Causes serious eye damage.

H319 – Causes serious eye irritation.

H330 – Fatal if inhaled.

H331 – Toxic if inhaled.

H332 – Harmful if inhaled.

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

H335 – May cause respiratory irritation.

H336 – May cause drowsiness or dizziness.

H340 – May cause genetic defects

exposure cause the hazard>.

H341 – Suspected of causing genetic defects .

H350 – May cause cancer .

H351 – Suspected of causing cancer .

H360 – May damage fertility or the unborn child .

H361 – Suspected of damaging fertility or the unborn child .

H362 – May cause harm to breast-fed children.

H370 – Causes damage to organs .

H371 – May cause damage to organs .

H372 – Causes damage to organs through prolonged or repeated exposure *exposure cause the hazard*>.

H373 – May cause damage to organs through prolonged or repeated exposure *exposure cause the hazard*>.

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.

EUH 001 – Explosive when dry.

EUH 006 – Explosive with or without contact with air.

EUH 014 – Reacts violently with water.

EUH 018 – In use, may form flammable/explosive vapour-air mixture.

EUH 019 – May form explosive peroxides.

EUH 044 – Risk of explosion if heated under confinement.

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 066 – Repeated exposure may cause skin dryness or cracking.

EUH 070 – Toxic by eye contact.

EUH 071 – Corrosive to the respiratory tract.

EUH 059 – Hazardous to the ozone layer.

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.

Precautionary statements (P statements)

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children.

P103 – Read label before use.

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P211 – Do not spray on an open flame or other ignition source.

P220 – Keep/Store away from clothing/.../combustible materials.

P221 – Take any precaution to avoid mixing with combustibles...

P222 – Do not allow contact with air.

P223 – Keep away from any possible contact with water, because of violent reaction and possible flash fire.

P230 – Keep wetted with...

P231 – Handle under inert gas.

P232 – Protect from moisture.

P233 – Keep container tightly closed.

P234 – Keep only in original container.

P235 – Keep cool.

P240 – Ground/bond container and receiving equipment.

P241 – Use explosion-proof electrical/ventilating/lighting/.../equipment.

P242 – Use only non-sparking tools.

P243 – Take precautionary measures against static discharge.

P244 – Keep reduction valves free from grease and oil.

P250 – Do not subject to grinding/shock/.../friction.

P251 – Pressurized container: Do not pierce or burn, even after use.

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

P262 – Do not get in eyes, on skin, or on clothing.

P263 – Avoid contact during pregnancy/while nursing.

P264 – Wash ... thoroughly after handling.

P270 – Do not eat, drink or smoke when using this product.

P271 – Use only outdoors or in a well-ventilated area.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P273 – Avoid release to the environment.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P281 – Use personal protective equipment as required.

P282 – Wear cold insulating gloves/face shield/eye protection.

P283 – Wear fire/flame resistant/retardant clothing.

P284 – Wear respiratory protection.

P285 – In case of inadequate ventilation wear respiratory protection.

P231 + P232 – Handle under inert gas. Protect from moisture.

P235 + P410 – Keep cool. Protect from sunlight.

P301 – IF SWALLOWED:

P302 – IF ON SKIN:

P303 – IF ON SKIN (or hair):

P304 – IF INHALED:

P305 – IF IN EYES:

P306 – IF ON CLOTHING:

P307 – IF exposed:

P308 – IF exposed or concerned:

P309 – IF exposed or if you feel unwell:

P310 – Immediately call a POISON CENTER or doctor/physician.

P311 – Call a POISON CENTER or doctor/physician.

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P313 – Get medical advice/attention.

P314 – Get medical advice/attention if you feel unwell.

P315 – Get immediate medical advice/attention.

P320 – Specific treatment is urgent (see ... on this label).

P321 – Specific treatment (see ... on this label).

P322 – Specific measures (see ... on this label).

P330 – Rinse mouth.

P331 – Do NOT induce vomiting.

P332 – If skin irritation occurs:

P333 – If skin irritation or rash occurs:

P334 – Immerse in cool water/wrap in wet bandages.

P335 – Brush off loose particles from skin.

P336 – Thaw frosted parts with lukewarm water. Do not rub affected area.

P337 – If eye irritation persists:

P338 – Remove contact lenses, if present and easy to do. Continue rinsing.

P340 – Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P341 – If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable

for breathing.

P342 – If experiencing respiratory symptoms:

P350 – Gently wash with plenty of soap and water.

P351 – Rinse cautiously with water for several minutes.

P352 – Wash with plenty of soap and water.

P353 – Rinse skin with water/shower.

P360 – Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P361 – Remove/Take off immediately all contaminated clothing.

P362 – Take off contaminated clothing and wash before reuse.

P363 – Wash contaminated clothing before reuse.

P370 – In case of fire:

P371 – In case of major fire and large quantities:

P372 – Explosion risk in case of fire.

P373 – DO NOT fight fire when fire reaches explosives.

P374 – Fight fire with normal precautions from a reasonable distance.

P375 – Fight fire remotely due to the risk of explosion.

P376 – Stop leak if safe to do so.

P377 – Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P378 – Use ... for extinction.

P380 – Evacuate area.

P381 – Eliminate all ignition sources if safe to do so.

P390 – Absorb spillage to prevent material damage.

P391 – Collect spillage.

P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301 + P330 + P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302 + P334 – IF ON SKIN: Immerse in cool water/wrap in wet bandages.

P302 + P350 – IF ON SKIN: Gently wash with plenty of soap and water.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P303 + P361 + P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

with water/shower.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P304 + P341 – IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P306 + P360 – IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P307 + P311 – IF exposed: Call a POISON CENTER or doctor/physician.

P308 + P313 – IF exposed or concerned: Get medical advice/attention.

P309 + P311 – IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

P335 + P334 – Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

P342 + P311 – If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P370 + P376 – In case of fire: Stop leak if safe to do so.

P370 + P378 – In case of fire: Use ... for extinction.

P370 + P380 – In case of fire: Evacuate area.

P370 + P380 + P375 – In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.

P371 + P380 + P375 – In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

P401 – Store ...

P402 – Store in a dry place.

P403 – Store in a well-ventilated place.

P404 – Store in a closed container.

P405 – Store locked up.

P406 – Store in corrosive resistant/... container with a resistant inner liner.

P407 – Maintain air gap between stacks/pallets.

P410 – Protect from sunlight.

P411 – Store at temperatures not exceeding ... °C/...°F.

P412 – Do not expose to temperatures exceeding 50 °C/122°F.

P413 – Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ... °C/...°F.

P420 – Store away from other materials.

P422 – Store contents under ...

P402 + P404 – Store in a dry place. Store in a closed container.

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 – Store in a well-ventilated place. Keep cool.

P410 + P403 – Protect from sunlight. Store in a well-ventilated place.

P410 + P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P411 + P235 – Store at temperatures not exceeding ... °C/...°F. Keep cool.

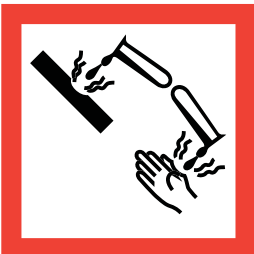
P501 – Dispose of contents/container to ...

7.10 Hazard symbols

The chemicals are classified into hazard categories with associated hazard symbols.

The new EU directive for the classification, labelling and packaging (CLP) of substances and substance mixtures introduces features such as new hazard pictograms and hazard and safety sentences. The regulations will come into force in Norway on 1 December 2010 at the latest and will apply in parallel with the Regulations governing the classification, labelling etc., of hazardous chemicals that applies up until 1 June 2015.

CURRENT HAZARD SYMBOL		NEW HAZARD SYMBOLS FROM 1 DECEMBER 2010	
 VERY FLAMMABLE	 EXTREMELY FLAMMABLE		
 OXIDISING	 EXPLOSIVE		
 VERY TOXIC	 TOXIC		

CURRENT HAZARD SYMBOL		NEW HAZARD SYMBOLS FROM 1 DECEMBER 2010
 HARMFUL	 IRRITANT	
 CORROSIVE		
		 Gas under pressure
 HARMFUL TO THE ENVIRONMENT		

Other symbols employed to classify chemicals

SYMBOL	TEKST
H	Absorbed through the skin
K	May be carcinogenic (K1-K3, with K1 being the most harmful)
M	May be harmful to genetic material (M1-M3, with M1 being the most harmful).
R	May induce reproductive damage (R1-R3, with R1 being the most harmful)
A	May induce allergies or other forms of oversensitive reaction.

YL-labelling

- YL indicates a requirement for fresh air during the use of organic solvents.
- Groups 00-5 – the higher the value, the more critical the need for fresh air supply.
- Applies only in Scandinavia.

Hazard and safety sentences (standard sentences assigned a number)

- R sentence (risk sentence) – description of hazards.
- S sentence (safety sentence) – information regarding essential precautions.

R and S sentences will be replaced by H (Hazard) and P (Precautionary) sentences when the CLP comes into force. H and P sentences are assigned a three-digit code. The table below provides an overview of the classification of hazard and precautionary sentences in the CLP:

CODE	HAZARD SENTENCES
H200-H299	Physical hazard
H300-H399	Health hazard
H400-H499	Environmental hazard

CODE	PRECAUTIONARY SENTENCES
P100	General
P200	Preventive
P300	First aid
P400	Storage
P500	Waste