

List of GHS Hazard and Precautionary Statements



Hazard Statements (H-codes)

Physical hazards

H200: Unstable explosive
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
H227: Combustible liquid
H228: Flammable solid
H229: Pressurized container: may burst if heated
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
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 gas
H270: May cause or intensify fire; oxidizer
H271: May cause fire or explosion; strong oxidizer
H272: May intensify fire; oxidizer
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

Health hazards

H300: Fatal if swallowed
H301: Toxic if swallowed
H302: Harmful if swallowed
H303: May be harmful if swallowed
H304: May be fatal if swallowed and enters airways
H305: May be harmful if swallowed and enters airways
H310: Fatal in contact with skin

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H311: Toxic in contact with skin
H312: Harmful in contact with skin
H313: May be harmful in contact with skin
H314: Causes severe skin burns and eye damage
H315: Causes skin irritation
H316: Causes mild skin irritation
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H320: Causes eye irritation
H330: Fatal if inhaled
H331: Toxic if inhaled
H332: Harmful if inhaled
H333: May be 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
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
H361d: Suspected of damaging the unborn child
H361f: Suspected of damaging fertility
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
H373: May cause damage to organs through prolonged or repeated exposure
H300+H310: Fatal if swallowed or in contact with skin
H300+H330: Fatal if swallowed or if inhaled
H310+H330: Fatal in contact with skin or if inhaled
H300+H310+H330: Fatal if swallowed, in contact with skin or if inhaled
H301+H311: Toxic if swallowed or in contact with skin
H301+H331: Toxic if swallowed or if inhaled
H311+H331: Toxic in contact with skin or if inhaled
H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled
H302+H312: Harmful if swallowed or in contact with skin
H302+H332: Harmful if swallowed or if inhaled
H312+H332: Harmful in contact with skin or if inhaled
H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled

Environmental hazards

H400: Very toxic to aquatic life
H401: Toxic to aquatic life
H402: Harmful to aquatic life

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

Country-specific hazard statements

European Union

Physical properties

- EUH001: Explosive when dry
- EUH006: Explosive with or without contact with air, deleted in the fourth adaptation to technical progress 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

Health properties

- 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

Environmental properties

- EUH059: Hazardous to the ozone layer, superseded by GHS Class 5.1 in the second adaptation to technical progress of CLP.

Other EU hazard statements

- 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.
- EUH401: To avoid risks to human health and the environment, comply with the instructions for use.

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Precautionary Statements

General precautionary 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.

Prevention precautionary statements

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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: Do not allow contact with water.
- 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 valves and fittings free from oil and grease.
- P250: Do not subject to grinding/shock/.../friction.
- P251: Do not pierce or burn, even after use.
- P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
- P261: Avoid breathing dust/fumes/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.
- P282: Wear cold insulating gloves/face shield/eye protection.
- P283: Wear fire/flame resistant/retardant clothing.
- P284: [In case of inadequate ventilation] wear respiratory protection
- P231+232: Handle under inert gas. Protect from moisture
- P235+410: Keep cool. Protect from sunlight

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Response precautionary statements

- 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: [Deleted by IV ATP]
P308: If exposed or concerned:
P309: [Deleted by IV ATP]
P310: Immediately call a POISON CENTER/doctor/...
P311: Call a POISON CENTER/ doctor/...
P312: Call a POISON CENTER/ doctor/.../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).
P330: Rinse mouth.
P331: Do NOT induce vomiting.
P332: If skin irritation occurs:
P333: If skin irritation or a 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 areas.
P337: If eye irritation persists:
P338: Remove contact lenses if present and easy to do. Continue rinsing.
P340: Remove person to fresh air and keep comfortable for breathing.
P342: If experiencing respiratory symptoms:
P351: Rinse cautiously with water for several minutes.
P352: Wash with plenty of water/...
P353: Rinse skin with water/shower.
P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P361: Take off immediately all contaminated clothing.
P362: Take off contaminated clothing.
P363: Wash contaminated clothing before reuse.
P364: And wash it 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 ... to extinguish.
P380: Evacuate area.

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- P381: Eliminate all ignition sources if safe to do so.
- P391: Collect spillage.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+334: IF ON SKIN: Immerse in cool water/wrap in wet bandages.
- P302+352: IF ON SKIN: Wash with plenty of water/...
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P308+311: If exposed or concerned: Call a POISON CENTER/ doctor/...
- P308+313: If exposed: Call a POISON CENTER or doctor/physician.
- P332+313: If skin irritation occurs: Get medical advice/attention.
- P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
- P335+334: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.
- P337+313: If eye irritation persists get medical advice/attention.
- P342+311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
- P361+364: Take off immediately all contaminated clothing and wash it before reuse.
- P362+364: Take off contaminated clothing and wash it before reuse.
- P370+376: In case of fire: Stop leak if safe to do so.
- P370+378: In case of fire: Use ... to extinguish.
- P370+380: In case of fire: Evacuate area.
- P370+380+375: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
- P371+380+375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Storage precautionary statements

- 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 a 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+404: Store in a dry place. Store in a closed container.
- P403+233: Store in a well ventilated place. Keep container tightly closed.

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P403+235: Store in a well ventilated place. Keep cool.

P410+403: Protect from sunlight. Store in a well-ventilated place.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P411+235: Store at temperatures not exceeding ... °C/... °F. Keep cool.

Disposal precautionary statements

P501: Dispose of contents/container to ... [... in accordance with local/regional/national/international regulation (to be specified)].