

List of GHS/CLP Classifications and full H statements to 12th ATP and Rev 8 GHS

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H200s, physical hazards			
Classification			H statement text
Hazard class	Hazard Category	H code.	
Explosive	Unstable	H200	Unstable Explosive
Explosive	Division 1.1	H201	Explosive: mass explosion hazard
Explosive	Division 1.2	H202	Explosive; severe projection hazard
Explosive	Division 1.3	H203	Explosive; fire, blast or projection hazard
Explosive	Division 1.4	H204	Fire or projection hazard
Explosive	Division 1.5	H205	May mass explode in fire
Explosive	Division 1.6	no H statement number	No H statement (but classification will need to be written on the SDS)
Desensitised explosive	Category 1	H206	Fire, blast or projection hazard; increased risk of explosion if desensitizing agent is reduced.
Desensitised explosive	Category 2	H207	Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced.
Desensitised explosive	Category 3	H207	Fire or projection hazard; increased risk of explosion if desensitizing agent is reduced.
Desensitised explosive	Category 4	H208	Fire hazard; increased risk of explosion if desensitizing agent is reduced.
Flammable gases	Category 1A	H220	Extremely flammable gas
Flammable gases	Category 1B	H221	Flammable gas
Flammable gases	Category 2	H221	Flammable gas
Flammable gases	Pyrophoric gas category 1A	H220 H232	Extremely flammable gas. May ignite spontaneously if exposed to air
Flammable gases	Chemically unstable gas A	H220 H230	Extremely flammable gas. May react explosively even in the absence of air.
Flammable gases	Chemically unstable gas B	H220 H231	Extremely flammable gas May react explosively even in the absence of air at elevated pressure and/or temperature.
Aerosols	Category 1	H222 H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
Aerosols	Category 2	H223 H229	Flammable aerosol. Pressurised container: May burst if heated.
Flammable liquid and vapour	Category 1	H224	Extremely flammable liquid and vapour
Flammable liquid and vapour	Category 2	H225	Highly flammable liquid and vapour
Flammable liquid and vapour	Category 3	H226	Flammable liquid and vapour

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<i>(GHS only)</i> Flammable liquid and vapour	<i>(GHS only)</i> Category 4	<i>(GHS only)</i> H227	<i>(GHS only)</i> Combustible liquid and vapour
Flammable solid	Category 1	H228	Flammable solid
Flammable solid	Category 2		
Aerosol	Category 3	H229	Pressurised container: May burst if heated.
Self-reactive substances and mixtures	Type A	H240	Heating may cause an explosion
Organic peroxides	Type A		
Self-reactive substances and mixtures	Type B	H241	Heating may cause a fire or explosion
Organic peroxides	Type B		
Self-reactive substances and mixtures	Type C & D	H242	Heating may cause a fire
Organic peroxides	Type C & D		
Self-reactive substances and mixtures	Type E & F		
Organic peroxides	Type E & F		
Self-reactive substances and mixtures	Type G	no H statement number	No H statement (but classification will need to be written on the SDS)
Organic peroxides	Type G	no H statement number	No H statement (but classification will need to be written on the SDS)
Pyrophoric liquids	Category 1	H250	Catches fire spontaneously if exposed to air
Pyrophoric solids	Category 1		
Self-heating substances and mixtures	Category 1	H251	Self heating; may catch fire
Self-heating substances and mixtures	Category 2	H252	Self heating in large quantities; may catch fire
Substances or mixtures which in contact with water emit flammable gases	Category 1	H260	In contact with water releases flammable gases which may ignite spontaneously

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Substances or mixtures which in contact with water emit flammable gases	Category 2	H261	In contact with water releases flammable gases
Substances or mixtures which in contact with water emit flammable gases	Category 3		
Oxidising gas	Category 1	H270	May cause or intensify fire; oxidiser
Oxidising liquid	Category 1	H271	May cause fire or explosion; strong oxidiser
Oxidising solid	Category 1		
Oxidising liquid	Category 2	H272	May intensify fire; oxidiser
Oxidising solid	Category 2		
Oxidising liquid	Category 3		
Oxidising solid	Category 3		
Gas under pressure	Compressed gas	H280	Contains gas under pressure; may explode if heated
Gas under pressure	Liquefied gas		
Gas under pressure	Dissolved gas		
Gas under pressure	Refrigerated liquefied gas	H281	Contains refrigerated gas; may cause cryogenic burns or injury
<i>(GHS only Rev 8)</i> <i>Chemicals under pressure</i>	<i>(GHS only Rev 8)</i> <i>Category 1</i>	<i>(GHS only Rev 8)</i> <i>H282</i>	<i>(GHS only Rev 8)</i> <i>Extremely flammable chemical under pressure: May explode if heated</i>
<i>(GHS only Rev 8)</i> <i>Chemicals under pressure</i>	<i>(GHS only Rev 8)</i> <i>Category 2</i>	<i>(GHS only Rev 8)</i> <i>H283</i>	<i>(GHS only Rev 8)</i> <i>Flammable chemical under pressure: May explode if heated</i>
<i>(GHS only Rev 8)</i> <i>Chemicals under pressure</i>	<i>(GHS only Rev 8)</i> <i>Category 3</i>	<i>(GHS only Rev 8)</i> <i>H284</i>	<i>(GHS only Rev 8)</i> <i>Chemical under pressure: May explode if heated</i>
Substances and mixtures corrosive to metals	Category 1	H290	May be corrosive to metals

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H300s, human health hazards			
Classification			H statement text
Hazard class	Hazard Category	H code.	
Acute toxicity	Category 1 Oral	H300	Fatal if swallowed
Acute toxicity	Category 2 Oral		
Acute toxicity	Category 3 Oral	H301	Toxic if swallowed
Acute toxicity	Acute toxicity Category 4 Oral	H302	Harmful if swallowed
<i>(GHS only)</i> Acute toxicity	<i>(GHS only)</i> Acute toxicity Category 5 Oral	<i>(GHS only)</i> H303	<i>(GHS only)</i> May be harmful if swallowed
Aspiration toxicity	Category 1	H304	May be fatal if swallowed and enters airways
<i>(GHS only)</i> Aspiration toxicity	<i>(GHS only)</i> Category 2	<i>(GHS only)</i> H305	<i>(GHS only)</i> May be harmful if swallowed and enters airways
Acute toxicity	Category 1 Dermal	H310	Fatal in contact with skin
Acute toxicity	Category 2 Dermal		
Acute toxicity	Category 3 Dermal	H311	Toxic in contact with skin
Acute toxicity	Category 4 Dermal	H312	Harmful in contact with skin
<i>(GHS only)</i> Acute toxicity	<i>(GHS only)</i> Acute toxicity Category 5 Dermal	<i>(GHS only)</i> H313	<i>(GHS only)</i> May be harmful in contact with skin
Skin corrosion	Category 1/ 1A/ 1B/ 1C	H314	Causes severe skin burns and eye damage
Skin irritation	Category 2	H315	Causes mild skin irritation
<i>(GHS only)</i> Skin irritation	<i>(GHS only)</i> Category 3	<i>(GHS only)</i> H316	<i>(GHS only)</i> May cause skin irritation
Skin sensitisation	Category 1	H317	May cause an allergic skin reaction
Skin sensitisation	Category 1A	H317	May cause an allergic skin reaction
Skin sensitisation	Category 1B	H317	May cause an allergic skin reaction
Eye damage	Category 1	H318	Causes serious eye damage
Eye irritation	Eye irritation Category 2 <i>(Category 2A, GHS only)</i>	H319	Causes serious eye irritation
<i>(GHS only)</i> Eye irritation	<i>(GHS only)</i> Category 2B	<i>(GHS only)</i> H320	<i>(GHS only)</i> Causes eye irritation
Acute toxicity	Category 1 Inhalation	H330	Fatal if inhaled
Acute toxicity	Category 2 Inhalation		

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H300s, human health hazards			
Classification			H statement text
Hazard class	Hazard Category	H code.	
Acute toxicity	Category 3 Inhalation	H331	Toxic if inhaled
Acute toxicity	Category 4 Inhalation	H332	Harmful if inhaled
<i>(GHS only)</i> Acute toxicity	<i>(GHS only)</i> Category 5 Inhalation	<i>(GHS only)</i> H333	<i>(GHS only)</i> May be harmful if inhaled
Respiratory sensitisation	Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Respiratory sensitisation	Category 1A		
Respiratory sensitisation	Category 1B		
Specific target organ toxicity after single exposure	Category 3	H335	May cause respiratory irritation
Specific target organ toxicity after single exposure	Category 3	H336	May cause drowsiness or dizziness
Germ cell mutagenicity	Category 1A or Category 1B	H340	May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Germ cell mutagenicity	Category 2	H341	Suspected of causing genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Carcinogenicity	Category 1A or Category 1B	H350	May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Carcinogenicity	Category 1A or Category 1B by inhalation	H350i	May cause cancer by inhalation.
Carcinogenicity	Category 2	H351	Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Reproductive toxicity	Category 1A or Category 1B	H360	May damage fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Reproductive toxicity	Category 1A or Category 1B	H360F	May damage fertility.
Reproductive toxicity	Reproductive toxicity Category 1A or Category 1B	H360D	May damage the unborn child.

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Hazard class	Hazard Category	H code.	
Reproductive toxicity	Category 1A or Category 1B	H360FD	May damage fertility. May damage the unborn child.
Reproductive toxicity	Category 1A or Category 1B	H360Fd	May damage fertility. Suspected of damaging the unborn child.
Reproductive toxicity	Category 1A or Category 1B	H360Df	May damage the unborn child. Suspected of damaging fertility.
Reproductive toxicity	Category 2	H361	Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Reproductive toxicity	Category 2	H361f	Suspected of damaging fertility.
Reproductive toxicity	Category 2	H361d	Suspected of damaging the unborn child.
Reproductive toxicity	Category 2	H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
Reproductive toxicity	Additional category for effects on or via lactation	H362	May cause harm to breast-fed children.
Specific target organ toxicity after single exposure	Specific target organ toxicity after single exposure Category 1	H370	Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Specific target organ toxicity after single exposure	Category 2	H371	May cause damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
Specific target organ toxicity after repeated exposure	Category 1	H372	Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven if no other routes of exposure cause the hazard)
Specific target organ toxicity after repeated exposure	Category 2	H373	May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven if no other routes of exposure cause the hazard)

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H400s, environmental hazards			
Classification			H statement text
Hazard class	Hazard Category	H code.	
Hazardous to the aquatic environment	Acute 1	H400	Very toxic to aquatic life
<i>(GHS only)</i> Hazardous to the aquatic environment	<i>(GHS only)</i> Acute 2	<i>(GHS only)</i> H401	<i>(GHS only)</i> Toxic to aquatic life
<i>(GHS only)</i> Hazardous to the aquatic environment	<i>(GHS only)</i> Acute 3	<i>(GHS only)</i> H402	<i>(GHS only)</i> Harmful to aquatic life
Hazardous to the aquatic environment	Chronic 1	H410	Very toxic to aquatic life with long lasting effects
Hazardous to the aquatic environment	Chronic 2	H411	Toxic to aquatic life with long lasting effects
Hazardous to the aquatic environment	Chronic 3	H412	Harmful to aquatic life with long lasting effects
Hazardous to the aquatic environment	Chronic 4	H413	May cause long lasting harmful effects to aquatic life
Hazardous to the ozone layer	Category 1	H420	Harms public health and the environment by destroying ozone in the upper atmosphere

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Compound H statements permitted under CLP

Compound H code	Compound H statement text
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
<i>(GHS only) H303 + H313</i>	<i>May be harmful if swallowed or in contact with skin</i>
<i>(GHS only) H303 + H333</i>	<i>May be harmful if swallowed or if inhaled</i>
<i>(GHS only) H313 + H333</i>	<i>May be harmful in contact with skin or if inhaled</i>
<i>(GHS only) H303 + H313 + H333</i>	<i>May be harmful if swallowed, in contact with skin or if inhaled</i>
<i>(GHS only) H315 + H320</i>	<i>Causes skin and eye irritation</i>