

List of CLP-GHS classifications, to 12th ATP and Rev. 8 GHS

Physical hazard classifications

Italics are GHS only hazards at the time of writing

Hazard class	Hazard category	Abbreviated hazard class and category (suggested where none exists)	H code
Explosives	Unstable	Unstable Expl.	H200
Explosives	Division 1.1	Expl. div 1.1	H201
Explosives	Division 1.2	Expl. div 1.2	H202
Explosives	Division 1.3	Expl. div 1.3	H203
Explosives	Division 1.4	Expl. div 1.4	H204
Explosives	Division 1.5	Expl. div 1.5	H205
Explosives	Division 1.6	Expl. div 1.6	no H statement number
Desensitised Explosives	Category 1	Desens. expl. 1	H206
Desensitised Explosives	Category 2	Desens. expl. 2	H207
Desensitised Explosives	Category 3	Desens. expl. 3	H207
Desensitised Explosives	Category 4	Desens. expl. 4	H208
Flammable gases	Category 1	Flam. gas 1	H220
Flammable gases	Category 1A	Flam. gas 1A	H220
Flammable gases	Category 1B	Flam. gas 1B	H221
Flammable gases	Category 2	Flam. gas 2	H221
Pyrophoric gas	Pyrophoric gas category 1A	Pyr. gas 1A	H220 H232
Chemically unstable gas	Category A (chemically unstable gases)	Chem. Unstable gas A	H220 H230
Chemically unstable gas	Category B (chemically unstable gases)	Chem. Unstable gas B	H220 H231
Aerosols	Category 1	Aerosol 1	H222 H229
Aerosols	Category 2	Aerosol 2	H223 H229
Aerosols	Category 3	Aerosol 3	H229
Oxidising gases	Category 1	Ox. gas 1	H270

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Gases under pressure	Compressed gas	Press. gas	H280
Gases under pressure	Liquefied gas	Liq. gas	
Gases under pressure	Dissolved	Diss. gas	
Gases under pressure	Refrigerated	Refr. gas	H281
<i>(GHS only Rev 8) Chemicals under pressure</i>	<i>(GHS only Rev 8) Category 1</i>	<i>(GHS only Rev 8) Chem. press. 1</i>	<i>(GHS only Rev 8) H282</i>
<i>(GHS only Rev 8) Chemicals under pressure</i>	<i>(GHS only Rev 8) Category 2</i>	<i>(GHS only Rev 8) Chem. press. 1</i>	<i>(GHS only Rev 8) H283</i>
<i>(GHS only Rev 8) Chemicals under pressure</i>	<i>(GHS only Rev 8) Category 3</i>	<i>(GHS only Rev 8) Chem. press. 1</i>	<i>(GHS only Rev 8) H284</i>
Flammable liquids	Category 1	Flam. liq. 1	H224
Flammable liquids	Category 2	Flam. liq. 2	H225
Flammable liquids	Category 3	Flam. liq. 3	H226
<i>Flammable liquids</i>	<i>Category 4 (GHS only)</i>	<i>Flam. liq. 4</i>	<i>(GHS only) H227</i>
Flammable solids	Category 1	Flam. sol. 1	H228
Flammable solids	Category 2	Flam. sol. 2	
Self-reactive substance/mixture	Category A	Self. React. A	H240
Self-reactive substance/mixture	Category B	Self. React. B	H241
Self-reactive substance/mixture	Category C	Self. React. C	H242
Self-reactive substance/mixture	Category D	Self. React. D	
Self-reactive substance/mixture	Category E	Self. React. E	
Self-reactive substance/mixture	Category F	Self. React. F	
Self-reactive substance/mixture	Category G	Self. React. G	no H statement number
Pyrophoric liquids	Category 1	Pyr. Liq. 1	H250
Pyrophoric solids	Category 1	Pyr. Sol. 1	
Self-heating substance/mixture	Category 1	Self-heat. 1	H251
Self-heating substance/mixture	Category 2	Self-heat. 2	H252
Water-reactive - emits flammable gases	Category 1	Water-react. 1	H260

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Water-reactive - emits flammable gases	Category 2	Water-react. 2	H261
Water-reactive - emits flammable gases	Category 3	Water-react. 3	
Oxidising liquids	Category 1	Ox. Liq. 1	H271
Oxidising liquids	Category 2	Ox. Liq. 2	H272
Oxidising liquids	Category 3	Ox. Liq. 3	
Oxidising solids	Category 1	Ox. Sol. 1	H271
Oxidising solids	Category 2	Ox. Sol. 2	H272
Oxidising solids	Category 3	Ox. Sol. 3	
Organic peroxides	Category A	Org. Perox. A	H240
Organic peroxides	Category B	Org. Perox. B	H241
Organic peroxides	Category C	Org. Perox. C	H242 Type E & F
Organic peroxides	Category D	Org. Perox. D	
Organic peroxides	Category E	Org. Perox. E	
Organic peroxides	Category F	Org. Perox. F	
Organic peroxides	Category G	Org. Perox. G	no H statement number
Corrosive to metals	Category 1	Met. Corr. 1	H290

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Health hazard classifications

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Hazard class	Hazard category	Abbreviated hazard class and category (suggested where none exists)	H code
Acute toxicity	Category 1 oral	Acute Tox. 1 oral*	H300
Acute toxicity	Category 1 dermal	Acute Tox. 1 dermal*	H310
Acute toxicity	Category 1 inhalation	Acute Tox. 1 inhal. *	H330
Acute toxicity	Category 2 oral	Acute Tox. 2 oral*	H300
Acute toxicity	Category 2 dermal	Acute Tox. 2 dermal*	H310
Acute toxicity	Category 2 inhalation	Acute Tox. 2 inhal. *	H330
Acute toxicity	Category 3 oral	Acute Tox. 3 oral*	H301
Acute toxicity	Category 3 dermal	Acute Tox. 3 dermal*	H311
Acute toxicity	Category 3 inhalation	Acute Tox. 3 inhal. *	H331
Acute toxicity	Category 4 oral	Acute Tox. 4 oral*	H302
Acute toxicity	Category 4 dermal	Acute Tox. 4 dermal*	H312
Acute toxicity	Category 4 inhalation	Acute Tox. 4 inhal. *	H332
<i>Acute toxicity</i>	<i>Category 5 oral (GHS only)</i>	<i>Acute Tox. 5 oral*</i>	<i>H303</i>
<i>Acute toxicity</i>	<i>Category 5 dermal (GHS only)</i>	<i>Acute Tox. 5 dermal*</i>	<i>H313</i>
<i>Acute toxicity</i>	<i>Category 5 inhalation (GHS only)</i>	<i>Acute Tox. 5 inhal. *</i>	<i>H333</i>
Skin corrosion / irritation	Category 1 (or 1A or 1B or 1C)	Skin Corr. 1 (or 1A, 1B, 1C)	H314
Skin corrosion / irritation	Category 2	Skin irrit. 2	H315
<i>Skin corrosion / irritation</i>	<i>Category 3 (GHS only)</i>	<i>Skin irrit. 3</i>	<i>H316</i>
Eye damage / irritation	Category 1	Eye dam. 1	H318
Eye damage / irritation	Category 2 (or 2A, GHS only)	Eye irrit. 2	H319
<i>Eye damage / irritation</i>	<i>Category 2B (GHS only)</i>	<i>Eye irrit. 3</i>	<i>H320</i>
Skin sensitisation	Category 1	Skin sens. 1	H317
Skin sensitisation	Category 1A	Skin sens. 1A	H317
Skin sensitisation	Category 1B	Skin sens. 1B	H317
Respiratory sensitisation	Category 1	Resp. sens. 1	H334

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Respiratory sensitisation	Category 1A	Resp. sens. 1A	H334
Respiratory sensitisation	Category 1B	Resp. sens. 1B	H334
Germ Cell Mutagenicity	Category 1 (incl. 1A or 1B)	Muta. 1 (or 1A or 1B)	H340
Germ Cell Mutagenicity	Category 2	Muta. 2	H341
Carcinogenicity	Category 1 (incl. 1A or 1B)	Carc. 1 (or 1A or 1B)	H350
Carcinogenicity	Category 2	Carc. 2	H351
Toxic for reproduction	Category 1 (incl. 1A or 1B)	Repr. 1 (or 1A or 1B)	H360
Toxic for reproduction	Category 2	Repr. 2	H361
Toxic for reproduction	Additional category for effects on or via lactation	Lact.	H362
Specific target organ toxicity (single exposure)	Category 1	STOT SE 1	H370
Specific target organ toxicity (single exposure)	Category 2	STOT SE 2	H371
Specific target organ toxicity (single exposure)	Category 3	STOT SE 3 (<i>resp. irrit.</i>)	H335
Specific target organ toxicity (single exposure)	Category 3	STOT SE 3 (<i>drows. dizz.</i>)	H336
Specific target organ toxicity (repeated exposure)	Category 1	STOT RE 1	H372
Specific target organ toxicity (repeated exposure)	Category 2	STOT RE 2	H373
Aspiration hazard	Category 1	Asp. tox. 1	H304
<i>Aspiration hazard</i>	<i>Category 2 (GHS only)</i>	<i>Asp. tox. 2</i>	<i>H302</i>

* Note that the acute toxicity route information, oral, dermal or inhalation (inhal.) is often omitted, meaning you need the H code to be able to understand the route.

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Environmental hazard classifications

Hazard class	Hazard category	Abbreviated hazard class and category (suggested where none exists)	H code
Hazardous to the aquatic environment	Acute 1	Aquatic acute 1	H400
<i>Hazardous to the aquatic environment</i>	<i>Acute 2 (GHS only)</i>	<i>Aquatic acute 2</i>	<i>H401</i>
<i>Hazardous to the aquatic environment</i>	<i>Acute 3 (GHS only)</i>	<i>Aquatic acute 3</i>	<i>H402</i>
Hazardous to the aquatic environment	Chronic 1	Aquatic chronic 1	H410
Hazardous to the aquatic environment	Chronic 2	Aquatic chronic 2	H411
Hazardous to the aquatic environment	Chronic 3	Aquatic chronic 3	H412
Hazardous to the aquatic environment	Chronic 4	Aquatic chronic 4	H413
Hazardous to the ozone layer	Category 1	Ozone 1	H420