






Hans Giacobbo, 25. April 2019

## H phrases and P phrases corresponding to the various GHS/CLP hazard classes and categories and the pictograms and signal words (includes the modifications by the 12<sup>th</sup> ATP)

The modifications by the 12th ATP are marked in **yellow**. They have to be applied from 17. Oktober 2019 but may be used already before.

Pictogram	Signal word	Hazard code with specifications	H-Code	Choice of corresponding P phrases (the total number of P phrases per label is usually limited to 6)
 GHS01	Danger	Unst. Expl.	H200	P201 P250 P280 P370+P372+P380+P373 P401 P501
	Danger	Expl. 1.1	H201	P210 P230 P234 P240 P250 P280 P370+P372+P380+P373 P401 P501 <b>P503</b>
	Danger	Expl. 1.2	H202	
	Danger	Expl. 1.3	H203	
	Warning	Expl. 1.4	H204	P210 P234 P240 P250 P280 P370+P372+P380+P373 P370+P380+P375 P401 P501 <b>P503</b>
	Danger	Self-react. A	H240	P210 P234 P235 P240 P280 P370+P372+P380+P373 P403 P411 P420 P501
	Danger	Self-react. B	H241	P210 P234 P235 P240 P280 P370+P380+P375[+P378] P403 P411 P420 P501 (pictogram GHS02 in addition)
	Danger	Org. Perox. A	H240	P210 P234 P235 P240 P280 P370+P372+P380+P373 P403 P410 P411 P420 P501
	Danger	Org. Perox. B	H241	P210 P234 P235 P240 P280 P370+P380+P375[+P378] P403 P410 P411 P420 P501 (pictogram GHS02 in addition)
 GHS02	Danger	<b>Desen. Expl. 1</b>	<b>H206</b>	<b>P210 P212 P230 P233 P280 P370+P380+P375 P401 P501</b>
	Danger	<b>Desen. Expl. 2</b>	<b>H207</b>	
	Warning	<b>Desen. Expl. 3</b>	<b>H207</b>	
	Warning	<b>Desen. Expl. 4</b>	<b>H208</b>	
	Danger	Flam. Gas <b>1A</b>	H220	P202P210 P375 P377 P381 P403
	Danger	Flam. Gas <b>1B</b>	<b>H221</b>	
	Warning	Flam. Gas 2	H221	P210 P375 P377 P381 P403 (NONE PIKTOGRAMM)
	Danger	<b>Pyr. Gas</b>	<b>H220 H232</b>	<b>P222 P280</b>
	Danger	<b>Chem. Unst. Gas A</b>	<b>H220 H230</b>	<b>P202</b>
	Danger	<b>Chem. Unst. Gas B</b>	<b>H220 H230</b>	
	Danger	Aerosol 1	H222 H229	P210 P211 P251 P410+P412
	Warning	Aerosol 2	H223 H229	
	Danger	Flam Liq. 1	H224	P210 P233 P240 P241 P242 P243 P280 P303+P361+P353 P370+P378 P403+P235 P501
	Danger	Flam Liq. 2	H225	
	Warning	Flam Liq. 3	H226	
	Danger	Flam. Sol. 1	H228	P210 P240 P241 P280 P370+P378
	Warning	Flam. Sol. 2	H228	
	Danger	Self-react. C D	H242	P210 P234 P235 P240 P280 P370+P378 P403 P411 P420 P501
	Warning	Self-react. E F	H242	
	Danger	Pyr. Liq. 1	H250	P210 <b>P212</b> P222 P231+P232 P233 P280 P302+P334 P370+P378
	Danger	Pyr. Sol. 1	H250	P210 <b>P212</b> P222 P231+P232 P233 P280 P302+P335+P334 P370+P378
	Danger	Self-heat. 1	H251	P235 P280 P407 P413 P420
	Warning	Self-heat. 2	H252	
	Danger	Org. Perox. C, D	H242	P210 P234 P235 P240 P280 P370+P378 P403 P410 P411 P420 P501
	Warning	Org. Perox. E, F	H242	
	Danger	Water-react. 1	H260	P223 P231+P232 P280 P302+P335+P334 P370+P378 P402+P404 P501
	Danger	Water-react. 2	H261	
Warning	Water-react. 3	H261		
 GHS03	Danger	Ox. Gas 1	H270	P220 P244 P370+P376 P403
	Danger	Ox. Liq. 1	H271	P210 P220 P280 P283 P306+P360 P371+P380+P375 P370+P378 P420 P501
	Danger	Ox. Liq. 2	H272	
	Warning	Ox. Liq. 3	H272	P210 P220 P280 P370+P378 P501
	Danger	Ox. Sol. 1	H271	P210 P220 P280 P283 P306+P360 P371+P380+P375 P370+P378 P420 P501
	Danger	Ox. Sol. 2	H272	
	Warning	Ox. Sol. 3	H272	

Pictogram	Signal word	Hazard code with specifications	H-Code	Choice of corresponding P phrases (the total number of P phrases per label is usually limited to 6)
 GHS04	Warning	Press. Gas compressed	H280	P410+P403
	Warning	Press. Gas liquefied	H280	
	Warning	Press. Gas dissolved	H280	
	Warning	Press. Gas refrigerated	H281	P282 P336+P315 P403
 GHS05	Warning	Met. Corr. 1	H290	P234 P390 P406 (finished products for the final consumer, classified H290 but not as skin or eye corrosive, don't require the pictogram GHS05)
	Danger	Skin Corr. 1, 1A, 1B, 1C	H314	P260 P264 P280 P301+P330+P331 P303+P361+P353 P363 P304+P340 P310 P321 P305+P351+P338 P405 P501
	Danger	Eye Dam. 1	H318	P280 P305+P351+P338 P310
 GHS06	Danger	oral Acute Tox. 1	H300	P264 P270 P301+P310 P321 P330 P405 P501
	Danger	oral Acute Tox. 2	H300	
	Danger	oral Acute Tox. 3	H301	
	Danger	dermal Acute Tox. 1	H310	P260 P262 P264 P270 P271 P280 P284 P302+P352 P310 P321 P361+P364 P405 P501
	Danger	dermal Acute Tox. 2	H310	
	Danger	dermal Acute Tox. 3	H311	P260 P 271 P280 P302+P352 P312 P321 P361+P364 P405 P501
	Danger	inhalation Acute Tox. 1	H330	P260 P271 P284 P304+P340 P310 P320 P403+P233 P405 P501
	Danger	inhalation Acute Tox. 2	H330	
Danger	inhalation Acute Tox. 3	H331	P261 P271 P304+P340 P311 P321 P403+P233 P405 P501	
 GHS07	Warning	oral Acute Tox. 4	H302	P264 P270 P301+P312 P330 P501
	Warning	dermal Acute Tox. 4	H312	P260 P 271 P280 P302+P352 P312 P321 P362+P364 P501
	Warning	inhalation Acute Tox. 4	H332	P261 P271 P304+P340 P312
	Warning	Skin Irrit. 2	H315	P264 P280 P302+P352 P321 P332+P313 P362+P364
	Warning	Eye Irrit. 2	H319	P264 P280 P305+P351+P338 P337+P313
	Warning	Skin Sens. 1, 1A, 1B	H317	P261 P272 P280 P302+P352 P333+P313 P321 P362+P364 P501
	Warning	resp. irrit. STOT SE 3	H335	P261 P271 P304+P340 P312 P403+P233 P405 P501
	Warning	drowsiness STOT SE 3	H336	
	Warning	Ozone	H420	P502
 GHS08	Danger	Resp. Sens. 1, 1A, 1B	H334	P261 P284 P304+P340 P342+P311 P501
	Danger	Muta. 1, 1A, 1B	H340	P201 P202 P280 P308+P313 P405 P501
	Warning	Muta. 2	H341	
	Danger	Carc. 1, 1A, 1B	H350	
	Warning	Carc. 2	H351	
	Danger	Repr. 1, 1A, 1B	H360	
	Warning	Repr. 2	H361	
	Danger	Asp. Tox. 1	H304	P301+P310 P331 P405 P501
	Danger	STOT SE 1	H370	P260 P264 P270 P308+P311 P321 P405 P501
	Warning	STOT SE 2	H371	P260 P264 P270 P308+P311 P405 P501
	Danger	STOT RE 1	H372	P260 P264 P270 P314 P501
	Warning	STOT RE 2	H373	P260 P314 P501
 GHS09	Warning	Aquatic Acute 1	H400	P273 P391 P501
	Warning	Aquatic Chronic 1	H410	
	---	Aquatic Chronic 2	H411	
no Pictogram	Warning	Expl. 1.5	H205	P210 P230 P234 P240 P250 P280 P370+P372+P380+P373 P401 P501
	none	Expl. 1.6	none	no P phrase
	none	Org. Perox. G	none	no P phrase
	Warning	Flam. Gas 2	H221	P210 P377 P381 P403
	Warning	Aerosol 3	H229	P210 P251 P410+P412
	none	Chem. Unst. Gas A	H230	P202
	none	Chem. Unst. Gas B	H231	
	none	Lact.	H362	P201 P260 P263 P264 P270 P308+P313
	none	Aquatic Chronic 3	H412	P273 P501
none	Aquatic Chronic 4	H413		