

GHS Summary Table

6th revised edition

PHYSICAL HAZARDS

Hazard classes and hazard categories	Pictogram / H-Code*	Signal Word
Explosives (unstable explosives, explosives of division 1.1 to 1.3) Self-reactive substances, mixtures types A,B Organic peroxides, types A,B Explosives, division 1.4 Explosives, division 1.5 Explosives, division 1.6 Organic peroxides, type G	 <div>H200, H201, H202, H203 H240, H241 H240, H241 H204 H205</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Warning</div> <div>Danger</div> <div>—</div> <div>—</div>
Aerosols, cat. 1 Flammable liquids, cat. 1 Flammable liquids, cat. 2 Flammable solids, cat. 1 Flammable solids, cat. 2	 <div>H222, H229 H224 H225 H228 H228</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Warning</div>
Aerosols, cat. 2 Flammable liquids, cat. 3	 <div>H223, H229 H226</div>	<div>Warning</div> <div>Warning</div>
Aerosols, cat. 3 Flammable liquids, cat. 4	<div>—</div> <div>—</div> <div>H229 H227</div>	<div>Warning</div> <div>Warning</div>
Flammable gases Flammable gas, cat. 1A Pyrophoric gas, cat. 1A Chemically unstable gas, cat. 1A, 1B Flammable gas, cat. 1B Flammable gas, cat. 2	 <div>H220 H220, H232 H222, H230, H231 H221 H221</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Warning</div>
Self reactive substances and mixtures, types B, C, D Phyrophoric liquids, cat. 1 Phyrophoric solids, cat. 1 Self-heating substances and mixtures, cat. 1 Substances and mixtures, which in contact with water, emit flammable gases, cat. 1, cat. 2	 <div>H241, H242 H250 H250 H251</div> <div>H260, H261</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div>
Self reactive substances and mixtures, types E and F Self heating substances and mixtures, cat. 2 Substances and mixtures, which in contact with water, emit flammable gases, cat. 3 Self reactive substances and mixtures, type G	 <div>H242 H252</div> <div>H261</div>	<div>Warning</div> <div>Warning</div> <div>Warning</div> <div>—</div>
Organic peroxides type B Organic peroxides types C and D Desensitized explosives, cat. 1 Desensitized explosives, cat. 2 Organic peroxides types E and F Desensitized explosives, cat. 3 Desensitized explosives, cat. 4	 <div>H241 H242 H206 H207 H242 H207 H208</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Warning</div> <div>Warning</div> <div>Warning</div>
Oxidizing gases, cat. 1 Oxidizing liquids, cat. 1, cat. 2 Oxidizing solids, cat. 1, cat. 2 Oxidizing liquids, cat. 3 Oxidizing solids, cat. 3	 <div>H270 H271, H272 H271, H272 H272 H272</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Warning</div> <div>Warning</div>
Gases under pressure Compressed gas Liquefied gas Refrigerated liquid gas Dissolved gas	 <div>H280 H280 H281 H280</div>	<div>Warning</div> <div>Warning</div> <div>Warning</div> <div>Warning</div>
Corrosive to metals, cat. 1	 <div>H290</div>	<div>Warning</div>

*H-Code = Hazard statement code
The hazard statement codes are intended to be used for reference purpose only.
They are not part of the hazard statement text.




www.merckmillipore.com/ghs

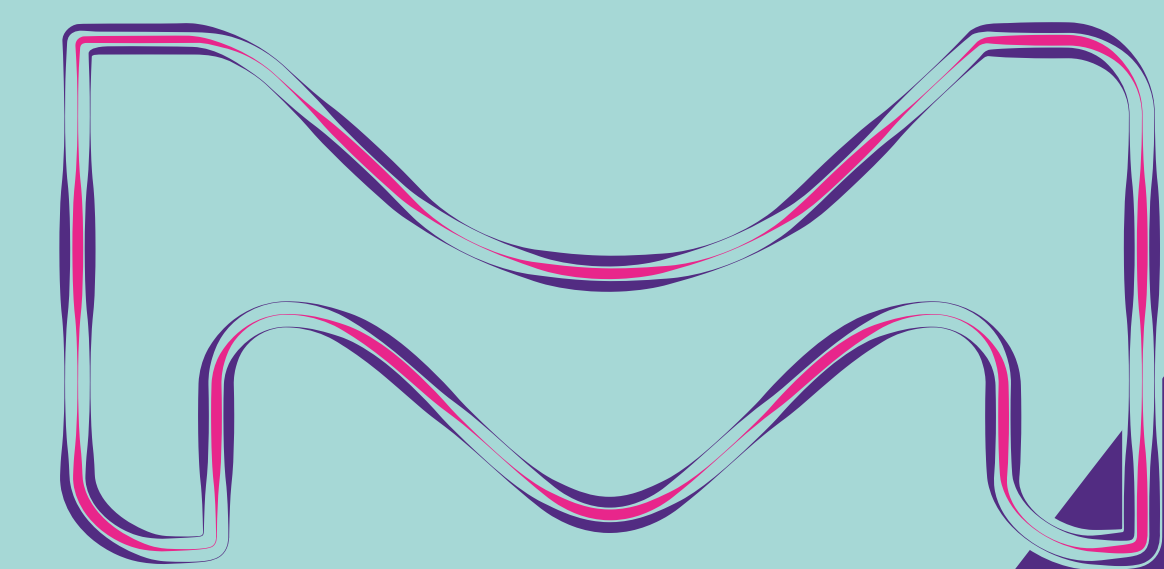
The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.
© 2018 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. Merck and the vibrant M are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

HEALTH HAZARDS

Hazard classes and hazard categories	Pictogram / H-Code*	Signal Word
Acute toxicity, cat. 1, cat. 2 Oral Dermal Inhalation Acute toxicity, cat. 3 Oral Dermal Inhalation	 <div>H300 H310 H330</div> <div>H301 H311 H331</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div> <div>Danger</div>
Acute toxicity, cat. 4 Oral Dermal Inhalation Acute toxicity, cat. 5 Oral Dermal Inhalation	 <div>H302 H312 H332</div> <div>— — —</div> <div>H303 H313 H333</div>	<div>Warning</div> <div>Warning</div> <div>Warning</div> <div>Warning</div> <div>Warning</div> <div>Warning</div>
Skin corrosion/irritation, cat. 1 (1A, 1B, 1C)	 <div>H314</div>	<div>Danger</div>
Skin corrosion/irritation, cat. 2	 <div>H315</div>	<div>Warning</div>
Skin corrosion/irritation, cat. 3	<div>—</div> <div>H316</div>	<div>Warning</div>
Serious eye damage/eye irritation, cat. 1	 <div>H318</div>	<div>Danger</div>
Serious eye damage/eye irritation, cat. 2/2A	 <div>H319</div>	<div>Warning</div>
Serious eye damage/ eye irritation, cat. 2B	<div>—</div> <div>H320</div>	<div>Warning</div>
Respiratory sensitization, cat. 1, 1A, 1B	 <div>H334</div>	<div>Danger</div>
Skin sensitization, cat. 1, 1A, 1B	 <div>H317</div>	<div>Warning</div>
Germ cell mutagenicity, cat. 1 (1A, 1B) Carcinogenicity, cat. 1 (1A, 1B) Reproductive toxicity, cat. 1 (1A, 1B)	 <div>H340 H350 H360</div>	<div>Danger</div> <div>Danger</div> <div>Danger</div>
Germ cell mutagenicity, cat. 2 Carcinogenicity, cat. 2 Reproductive toxicity, cat. 2 Reproductive toxicity – additional category for effects on or via lactation	 <div>H341 H351 H361</div> <div>— H362</div>	<div>Warning</div> <div>Warning</div> <div>Warning</div> <div>—</div>
Specific target organ toxicity, single exposure, cat. 1 Specific target organ toxicity, repeated exposure, cat. 1 Specific target organ toxicity, single exposure, cat. 2 Specific target organ toxicity, repeated exposure, cat. 2 Specific target organ toxicity, single exposure, cat. 3	 <div>H370 H372</div>  <div>H371 H373 H335, H336</div>	<div>Danger</div> <div>Danger</div> <div>Warning</div> <div>Warning</div> <div>Warning</div>
Aspiration hazard, cat. 1 Aspiration hazard, cat. 2	 <div>H304 H305</div>	<div>Danger</div> <div>Warning</div>

ENVIRONMENTAL HAZARDS

Hazard classes and hazard categories	Pictogram / H-Code*	Signal Word
Hazardous to the aquatic environment, short-term Acute 1 Acute 2 Acute 3	 <div>H400 — — H401 H402</div>	<div>Warning</div> <div>—</div> <div>—</div>
Hazardous to the aquatic environment, long-term Chronic 1 Chronic 2 Chronic 3 Chronic 4	 <div>H410 H411 — — H412 H413</div>	<div>Warning</div> <div>—</div> <div>—</div> <div>—</div>
Hazardous to the ozone layer, cat. 1	 <div>H420</div>	<div>Warning</div>



MERCK