



CID 313

# Hydrochloric acid





## GHS Classification



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Pictogram(s)	  Corrosive      Acute Toxic
Signal	<b><u>Danger</u></b>
GHS Hazard Statements	H314: Causes severe skin burns and eye damage [ <b><u>Danger</u></b> Skin corrosion/irritation] H331: Toxic if inhaled [ <b><u>Danger</u></b> Acute toxicity, inhalation]
Precautionary Statement Codes	P260, P261, P264, P271, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P311, P321, P363, P403+P233, P405, and P501 (The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)

▶ from EU REGULATION (EC) No 1272/2008



Pictogram(s)	    Compressed Gas      Corrosive      Acute Toxic      Irritant
Signal	<b><u>Danger</u></b>
GHS Hazard Statements	<p>Aggregated GHS information provided by 4041 companies from 91 notifications to the ECHA C&amp;L Inventory. Each notification may be associated with multiple companies.</p> <p>Reported as not meeting GHS hazard criteria by 2 of 4041 companies. For more detailed information, please visit <a href="#">ECHA C&amp;L website</a></p> <p>Of the 90 notification(s) provided by 4039 of 4041 companies with hazard statement code(s):</p> <p>H280 (12.06%): Contains gas under pressure; may explode if heated [<b><u>Warning</u></b> Gases under pressure]</p> <p>H290 (30.3%): May be corrosive to metals [<b><u>Warning</u></b> Corrosive to Metals]</p> <p>H314 (99.88%): Causes severe skin burns and eye damage [<b><u>Danger</u></b> Skin corrosion/irritation]</p> <p>H318 (23.2%): Causes serious eye damage [<b><u>Danger</u></b> Serious eye damage/eye irritation]</p> <p>H331 (46.57%): Toxic if inhaled [<b><u>Danger</u></b> Acute toxicity, inhalation]</p> <p>H335 (59.54%): May cause respiratory irritation [<b><u>Warning</u></b> Specific target organ toxicity, single exposure; Respiratory tract irritation]</p> <p>Information may vary between notifications depending on impurities, additives, and other factors. The percentage value in parenthesis indicates the notified classification ratio from companies that provide hazard codes. Only hazard codes with percentage values above 10% are shown.</p>

Precautionary Statement Codes	P234, P260, P261, P264, P271, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P311, P312, P321, P363, P390, P403+P233, P404, P405, P410+P403, and P501  (The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)
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► from European Chemicals Agency (ECHA)

Pictogram(s)	  Corrosive      Irritant
Signal	<b><u>Danger</u></b>
GHS Hazard Statements	The GHS information provided by 1 company from 1 notification to the ECHA C&L Inventory. H314 (100%): Causes severe skin burns and eye damage [ <b><u>Danger</u></b> Skin corrosion/irritation] H335 (100%): May cause respiratory irritation [ <b><u>Warning</u></b> Specific target organ toxicity, single exposure; Respiratory tract irritation]
Precautionary Statement Codes	P260, P261, P264, P271, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P312, P321, P363, P403+P233, P405, and P501  (The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)

► from European Chemicals Agency (ECHA)


Pictogram(s)	  Corrosive      Acute Toxic
Signal	<b><u>Danger</u></b>
GHS Hazard Statements	H314: Causes severe skin burns and eye damage [ <b><u>Danger</u></b> Skin corrosion/irritation] H331: Toxic if inhaled [ <b><u>Danger</u></b> Acute toxicity, inhalation]
Precautionary Statement Codes	P260, P261, P264, P271, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P311, P321, P363, P403+P233, P405, and P501  (The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)

► from Hazardous Chemical Information System (HCIS), Safe Work Australia

Pictogram(s)	   Compressed Gas      Corrosive      Acute Toxic
Signal	<b><u>Danger</u></b>

GHS Hazard Statements	<p>H280: Contains gas under pressure; may explode if heated [<a href="#">Warning</a> Gases under pressure]</p> <p>H314: Causes severe skin burns and eye damage [<a href="#">Danger</a> Skin corrosion/irritation]</p> <p>H318: Causes serious eye damage [<a href="#">Danger</a> Serious eye damage/eye irritation]</p> <p>H331: Toxic if inhaled [<a href="#">Danger</a> Acute toxicity, inhalation]</p>
Precautionary Statement Codes	<p>P260, P261, P264, P271, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P311, P321, P363, P403+P233, P405, P410+P403, and P501</p> <p>(The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)</p>

► from HSDB

Pictogram(s)	 <div style="display: flex; justify-content: space-around; font-size: small;"> <span>Compressed Gas</span> <span>Corrosive</span> <span>Acute Toxic</span> <span>Health Hazard</span> <span>Environmental Hazard</span> </div>
Signal	<a href="#">Danger</a>
GHS Hazard Statements	<p>H280: Contains gas under pressure; may explode if heated [<a href="#">Warning</a> Gases under pressure]</p> <p>H301: Toxic if swallowed [<a href="#">Danger</a> Acute toxicity, oral]</p> <p>H314: Causes severe skin burns and eye damage [<a href="#">Danger</a> Skin corrosion/irritation]</p> <p>H318: Causes serious eye damage [<a href="#">Danger</a> Serious eye damage/eye irritation]</p> <p>H330: Fatal if inhaled [<a href="#">Danger</a> Acute toxicity, inhalation]</p> <p>H331: Toxic if inhaled [<a href="#">Danger</a> Acute toxicity, inhalation]</p> <p>H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled [<a href="#">Danger</a> Sensitization, respiratory]</p> <p>H370: Causes damage to organs [<a href="#">Danger</a> Specific target organ toxicity, single exposure]</p> <p>H372: Causes damage to organs through prolonged or repeated exposure [<a href="#">Danger</a> Specific target organ toxicity, repeated exposure]</p> <p>H400: Very toxic to aquatic life [<a href="#">Warning</a> Hazardous to the aquatic environment, acute hazard]</p>
Precautionary Statement Codes	<p>P260, P261, P264, P270, P271, P273, P280, P284, P285, P301+P310, P301+P330+P331, P303+P361+P353, P304+P340, P304+P341, P305+P351+P338, P307+P311, P310, P311, P314, P320, P321, P330, P342+P311, P363, P391, P403+P233, P405, P410+P403, and P501</p> <p>(The corresponding statement to each P-code can be found at the <a href="#">GHS Classification</a> page.)</p>

► from NITE-CMC