

CHLORINE - CREATING HIDDEN DANGERS IN YOUR AQUATIC FACILITY

At the World Aquatic Health Conference in October 2018, an issue was presented for a potential health concern at Aquatic Facilities.

Dozens of swimmers and staff were accidentally being exposed to chlorine gas, resulting in breathing issues, vomiting, and eye irritation, etc. Upon further investigation by Municipal Hazmat departments the problem was linked to chlorinating chemicals and acids mixing in dry pipes, creating chlorine gas. This gas was then pushed out to the pool patrons upon waters reintroduction to the system. Due to increased concern, the American Chemistry Council (ACC) created a video outlining system design flaws and risk mitigation solutions.

Here are just a few examples of recent exposure:

- 19 sickened by chemical exposure at Los Angeles-area swimming pool: <https://abcnews.go.com/US/19-sickened-chemical-exposure-los-angeles-area-swimming/story?id=58275016>
- Six people hospitalized after pool chemical mix-up in Sydney CBD:
- <https://www.splashmagazine.com.au/2018/09/26/six-people-hospitalised-after-pool-chemical-mix-up-in-sydney-cbd/>
- Nearly three dozen hospitalized after chlorine gas exposure at California swim club, official says: <https://www.foxnews.com/us/nearly-three-dozen-hospitalized-after-chlorine-gas-exposure-at-california-swim-club-official-says>
- 8 kids taken to the hospital after pool chlorine malfunction in Johns Creek: <https://www.aic.com/news/breaking-news/breaking-kids-taken-hospital-after-pool-chlorine-malfunction-johns-creek/7hQpicIDPZf6gzBXz5hBLP/>

Take a moment to watch the video to ensure safe handling of your pool chemicals:



For more information or assistance in identifying aquatic facility risks please contact:

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Or visit our website: www.amegroup.ca