

Chlorine Safety Newsletter

Connecting you to the latest in chlor-alkali training, safe handling guidance, and emergency response resources.

July 2014 • www.chlorineinstitute.org • Edition 2

Pool Chemical Safety Video

Summer is here and so is swimming season. Many homeowners and pool managers alike handle pool chemicals on a daily basis to keep pools safe for swimmers. The Chlorine Institute and American Chemistry Council have developed a short, 13-minute video, "[Pool Chemical Safety](#)" to promote safe pool chemical use. It's available for streaming on YouTube – check it out!



Upcoming Events

Emergency Response Training

Winnipeg, MB—7/25-26/2014
Edmonton, AB—8/8-9/2014
Kamloops, BC—8/22-23/2014
Indianapolis, IN-8/26-27/2014
Surrey, BC—9/12-13/2014
Reno, NV—10/22-23/2014

Safe Handling & Response

New Orleans, LA—WEFTEC
9/27—10/1/2014 2014

Chlorine Leak Checking on Railcars

Leaks in the housing (around the valves and piping) can sometimes disguise themselves as pressure plate leaks. What happens is that there is a chlorine leak from a connection, say the outlet plug on the valve. Since chlorine is heavier than air, it sinks down in the housing and flows out of the port holes and over and around the pressure plate. To the untrained eye, this can appear to be a pressure plate leak. Pressure plates rarely leak, so if you suspect a pressure plate leak, appropriately trained personnel in the proper personal protective equipment should plug the drain holes with dry paper towels or rags and then re-check the pressure plate for a leak. If it is NOT the pressure plate, this will stop the flow of chlorine from the housing onto the pressure plate, and the leak check will come up empty. If it IS a pressure plate leak, it will become apparent. Because pressure plate leaks are more complicated to handle, we recommend asking for assistance from highly trained personnel in chlorine emergency response – which you can contact at any time, day or night, by activating the CHLOREP mutual-aid network (1-800-424-9300 in the U. S. or 613-996-6666 in Canada)



New Resources – AHCl and HCl Emergency Response Guidance

There are two new pamphlets available for first responders – Pamphlet 169: Hydrochloric Acid Solution Bulk Transports Emergency Response Guidelines Handbook and Pamphlet 170: Hydrogen Chloride, Anhydrous (AHCL) Bulk Transports Emergency Response Guidelines Handbook. Both pamphlets provide guidance on handling the unintentional release of hydrochloric acid and anhydrous hydrogen chloride, respectively and can be downloaded for free from our [bookstore](#).

Join Us at WEFTEC 2014

Chlorine Institute members will be giving a Technical Presentation, staffing an Exhibitor Booth, and holding a Workshop Presentation at the Water Environment Federation's Annual Technical Exhibition and Conference (WEFTEC) 2014 in New Orleans, LA on September 27 – October 1, 2014. Topics discussed include: Chlorine Safety for Water & Wastewater Operators, Chlorine & Bleach Safety for Operators, and Chlorine & Bleach Emergency Response. Registration and agendas can be found on [WEFTEC's website](#).