

Chemical Safety (OSHA for AguaClara plants)

Big questions to answer

1. What personal protection equipment is needed for handling calcium hypochlorite granules, liquid chlorine, hydrochloric acid (32-34%, or 371-397 g/L, equal to 10.2-10.9 eq/L), granular PACl, and liquid PACl?
2. How can plant operators know if their equipment is providing appropriate protection?
3. What training materials should we be providing to plant operators?

Tasks and goals

- Develop improved operating procedures and training materials based on best practices for AguaClara plant operators. Update the training materials for plant operators that have to do with hazard assessment and safety. Update the plant operating manual.
- Deliver the new documentation and training materials to APP in January. Demonstrate to APP staff how you would teach the new operating procedures to new plant operators.

Resources

[Training materials](#) and [operating manual](#) used by Agua Para el Pueblo