

Handling Sodium Hypochlorite Safely CEU Application Process

Course Training Goal:

To educate City of Eugene Public Works Wastewater Operators and Maintenance staff in the safe handling of sodium hypochlorite and the Wastewater Division's procedure for handling sodium hypochlorite leaks.

Training Time:

1 Hour

Course Outline:

- Purpose of Sodium Hypochlorite training
- Video: Handling Sodium Hypochlorite Safely – by the Chlorine Institute with input by the National Rural Water Association**
 - Industrial handling and use of sodium hypochlorite
 - Chemical and Physical Properties
 - Health Effects and First Aid
 - Personal Protective equipment
 - Safe Handling and Storage
 - Spill Containment and Clean Up
- Sodium Hypochlorite Leak Plan Overview
- Personal Protective Equipment
- Onsite Containment
- Operations Console Response Procedure
- Decontamination Practice
- Safety Data Sheets

Speaker Information:

Amy Hartsfield is the Safety and Emergency Manager at the City of Eugene Wastewater Treatment Plant. She has a background in Risk Management, Training, People Management, and Emergency Management. Amy has worked for the City of Eugene for 15 years and has been in her position at Wastewater since July 2024. Amy is the primary speaker of the Sodium Hypochlorite Training

Tanya Haeri-McCarroll is the Technical Services Manager at the City of Eugene Wastewater Treatment Plant. She has worked at the WWTP for 12 years, most of those years as the Safety Manager. Tanya, in partnership with other Wastewater staff, created Sodium Hypochlorite Leak procedure to be in alignment with Oregon OSHA regulations and other best practices.

Distance Learning:

The majority of operators will take this training in person. However, due to some staff working night shift, a recorded version of the training will be available. Quiz content will be built into the video, coming at intermittent times, which will require staff to watch the entire video and record their answers as they go. The quiz results will be reviewed by the Safety Manager who will follow up with staff on incorrect answers prior to approval of their training time.

Time Schedule

00:00 Purpose of Sodium Hypochlorite training

00:03 Video: Handling Sodium Hypochlorite Safely

- Industrial handling and use of sodium hypochlorite
- Chemical and Physical Properties
- Health Effects and First Aid
- Personal Protective equipment
- Safe Handling and Storage
- Spill Containment and Clean Up

00:28 Sodium Hypochlorite Leak Plan Overview

00:32 Personal Protective Equipment specific to the Wastewater Division

00:37 Onsite Containment

00:40 Operations Console Response Procedure

00:53 Decontamination Practice

00:56 Safety Data Sheets

**This is a video we purchased and downloaded. I do not have a link for it. If you need to view it, I can try to send it via email. Please let me know. Thank you!



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