



Stakeholders Best Practices Tailgate Health Meeting Series

***SAFETY AND
HEALTH ARE
VALUES!***

“Handling Caustic Soda”

Caustic soda can be found in use at some sand plants for meeting the necessary quality control requirements. Caustic soda is a dangerous chemical that can cause major skin irritation or blindness. Exposure can also cause burns that are not immediately painful or visible. Providing the necessary precautionary measures while handling caustic soda is essential for the safety and health of miners.

Best Practices:

- Properly task train all miners
- Wear safety glasses and face shields
- Wear chemical resistant gloves
- Eye wash stations must be provided and be functional
- Properly label all containers or vessels
- Use vinegar as a neutralizing agent when caustic soda comes in contact with skin
- Clean up spills immediately.
- Post Material Safety Data Sheet (MSDS) at miner’s work areas.
- Seek immediate medical attention if skin or eye contacts occurs.
- PPE needs to be decontaminated and inspected for defects prior to use.
- Check pumps, pipelines, and associated equipment for leaks that may cause exposure to caustic soda.



Developed in cooperation with:

Rinker Materials Corp., Florida Sand Division, Davenport, FL. (Team Leader)
Grandin Sand, Florida Rock Industries, Grandin, FL.