



THE CHLORINE INSTITUTE, INC.

Chlorine Delivery

Shane Fast

May 1, 2009



THE CHLORINE INSTITUTE, INC.

The Chlorine Institute Profile/Mission

- A 220 member technical trade association
- Comprised of producers, packagers, distributors, users and suppliers
- Promotes safety and protection of human health and the environment in the manufacture, distribution and use of mission chemicals
- Mission chemicals include chlorine, sodium hydroxide, potassium hydroxide, sodium hypochlorite and hydrogen chloride



THE CHLORINE INSTITUTE, INC.

Mission Accomplished By:

- Sharing of experience
- Development of consensus guidelines
- Publication of pamphlets and educational video materials
- Regulatory advocacy
- Mutual Aid agreements



THE CHLORINE INSTITUTE, INC.

Strategic Plan

Issue

Long Term Goals

- | | |
|--|---|
| ■ Transportation | Maintain ability to transport mission chemicals; eliminate accidents |
| ■ Health, Environment, Safety, and Security | Zero releases, injuries, and process safety incidents |
| ■ Customer Stewardship | Zero releases, injuries, and process safety incidents |
| ■ Emergency Preparedness | Minimize impacts of a release; maintain CHLOREP |
| ■ Sustainable Technology | Maintain the ability to responsibly use sustainable chlor-alkali technologies |



THE CHLORINE INSTITUTE, INC.

Chlorine Safety Video

- Physical and Chemical Properties
- Health Effects
- Personal Protective Equipment
- Transportation, Storage, Safe Handling
- Connection, Use, Disconnection
- Responding to MINOR Leaks
- Information and Training
- Site Security Measures



THE CHLORINE INSTITUTE, INC.

Chlorine Safety Video





THE CHLORINE INSTITUTE, INC.

Additional Resources

- Contact your chlorine supplier
- Chlorine Institute publications
 - Pamphlet 82
 - Pamphlet 155
 - Water Video

www.chlorineinstitute.org



THE CHLORINE INSTITUTE, INC.

Questions?