



An Introduction to the U.S. CSB

Adam Henson

Recommendations Specialist



U.S. Chemical Safety and
Hazard Investigation Board

Accidental Releases

Since March 23, 2020

- **357 Incidents**
 - **49 – Fatalities**
 - **195 – Serious Injuries**
 - **165 – Substantial Property Damage**

About the CSB



Vision: A nation free from chemical disasters.

Mission: Drive chemical safety excellence through independent investigations to protect communities, workers, and the environment.

Catastrophic Vessel Failure

- **Louisville, KY**
- **April 11, 2003**
- **1 Workers Killed**



Explosion and Fire

- **Houston, TX**
- **December 3, 2004**
- **3 Responders Injured**



Explosion with Offsite Fatality

- **Belvidere, IL**
- **December 7, 2009**
- **1 Public Fatality**
- **2 Workers Injured**



Pressure Vessel Explosion

- St. Louis, MO
- April 3, 2017
- 3 Public Fatalities
- 1 Worker Killed



Vapor Cloud Explosion and Fire

- **Columbus, OH**
- **April 8, 2021**
- **1 Worker Killed**
- **8 Workers Injured**



Questions?

Adam Henson, MS, CSP, CFPS
Recommendations Specialist
U.S. Chemical Safety Board
adam.henson@csb.gov
(202) 815-5645





**U.S. Chemical Safety and
Hazard Investigation Board**