

# *Chemical Hazard Rating Database*

## Charter:

- Investigate the feasibility of a complex wide database to capture NFPA 704 ratings for EPA screening of chemical products.

# *Chemical Hazard Rating Database*

- Project Team:
  - Fred Simmons, SRNS – Chair
  - Dave Freshwater, DOE-NNSA – Co-Chair
  - Katherine Ertell, PNL
  - Jeff Hieb, Fluor Hanford
  - Steve Harris, LLNL
  - Dave Quigley, Y-12

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- Project Deliverable:
  - White paper discussing the feasibility of the project, the scope, and implementation steps.

# *Chemical Hazard Rating Database*

## Scope:

- Develop a system where hazard rating information can be gathered and reviewed and then made available to the DOE complex.

# *Project Issues*

- What data to capture in initial phase of project?
- What kind of audit trail (i.e. references, etc.) do we capture?
- What references are acceptable?
- How are the following addressed?
  - Materials that have no MSDS
  - Articles
  - Consumer products
  - Name and/or formulation changes
- What kind of data validation / consistency checks are required?

# *Database Contents*

- Initially limited the contents for database
  - Identification & Composition
  - NFPA rating
  - SARA hazard rating
  - IBC/IFC Codes
  - MSDS image
  - Etc.
- Additional data that may be added at a later date

# *Database Home*

- The database would reside with DOE HQ.
- New data and peer reviews would be controlled by DOE HQ.
- Field sites would supply new data and resources to perform peer reviews as required.

# *Where Do We Stand*

- Presenting a draft of the whitepaper for open discussion and review by this workshop.