

EPCRA Data Upgrade

Eli Levitt & Diane Fowler

Hazardous Waste & Toxics Reduction Program





Ecology manages EPCRA reports
on behalf of the SERC

Proposal

Change Washington's Tier Two form

Expand chemical hazard categories

- From **5** physical and health categories to **24** (13 physical and 11 health).



Expanding hazard fields would

- Match OSHA's updated safety data sheets (SDS)
- Allow reporters to report hazards as listed on new SDS and not crosswalk back to old fields
- Provide first responders with better information about chemical hazards



Current WA Tier Two Form

Physical and Health Hazards

- Fire
- Sudden release of pressure
- Reactivity
- Immediate (acute)
- Delayed (chronic)



Expanded Tier Two Form

Physical Hazards

- Explosive
- Flammable
- Oxidizer
- Self-reactive
- Pyrophoric
- Self-heating
- Organic Peroxide
- Corrosive to metal
- Gas under pressure (compressed gas)
- Contact with water emits flammable gas
- Combustible Dust
- Hazard Not Otherwise Classified

Health Hazards

- Acute toxicity
- Skin corrosion or irritation
- Serious eye damage or eye irritation
- Respiratory or skin sensitization
- Germ cell mutagenicity
- Carcinogenicity
- Reproductive toxicity
- Specific target organ toxicity
- Aspiration hazard
- Simple asphyxiant
- Hazard not otherwise classified

Next steps

- Change Ecology reporting systems to accommodate new fields
 - EPCRA Tracking System
 - Tier Two Online
 - Mobile App
- Outreach to explain changes
- Implement new fields by 2021



Proposed timeline



Questions?