



Toxics Use Reduction Institute

# Chemical Prioritization *featuring* USEPA Chemical Action Plans

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# Session I Agenda

- Chemical Prioritization
- USEPA Chemical Action Plans - overview
- Action plan opportunities and options – breakout group work
- Report back

# Chemical Prioritization

- MA TURA
- States
- Canada
- EU
- Manufacturers
- NGOs

## TURA List of Toxic and Hazardous Substances

SAB More  
Hazardous  
Substances\*\*\*

TURA HHS\*

TCE, perc,  
cadmium, Cd  
compounds

Remainder of list,  
uncategorized

SAB Less  
Hazardous  
Substances\*\*\*

TURA LHS\*\*

Tert-butyl alcohol; sec-butyl  
alcohol; n-butyl alcohol; ferric  
chloride; ferrous chloride; ferric  
sulfate; ferrous sulfate; butyl  
acetate; and iso-butyl acetate

\*TURA Higher Hazard Substances have 1000 lb reporting threshold and

\*\*Lower Hazard Substances have no per chemical fee

\*\*\*available at [www.turi.org/policy/](http://www.turi.org/policy/), click on Science Advisory Board, link is in “SAB Work” box

# Higher & Lower Hazard Substances

- Higher Hazard Substances:
  - Lowers the TURA threshold to 1,000 lb/year
  - Focuses program resources
  - 4 designations to date: Cadmium; Cadmium Compounds; Trichloroethylene; Perchloroethylene
- Lower Hazard Substances:
  - Eliminates the per-chemical fee
  - 9 designations to date: Tert-butyl alcohol; sec-butyl alcohol; n-butyl alcohol; ferric chloride; ferrous chloride; ferric sulfate; ferrous sulfate; butyl acetate; and iso-butyl acetate



- Maine

- Act To Protect Children's Health and the Environment from Toxic Chemicals in Toys and Children's Products
- Chemicals of High Concern list
- ME DEP has proposed designating priority chemicals:
  - Nonylphenol and nonylphenol ethoxylates
  - Bisphenol A
- <http://www.maine.gov/dep/oc/safechem/index.htm>

- Washington

- Children’s Safe Products Act
- Chemicals of High Concern for Children

- Initial list of 177 chemicals
- 59 proposed as CHCC, subject to reporting
- <http://www.ecy.wa.gov/laws-rules/wac173334/p0904a.pdf>



- LCSP US State Chemicals Policy Database

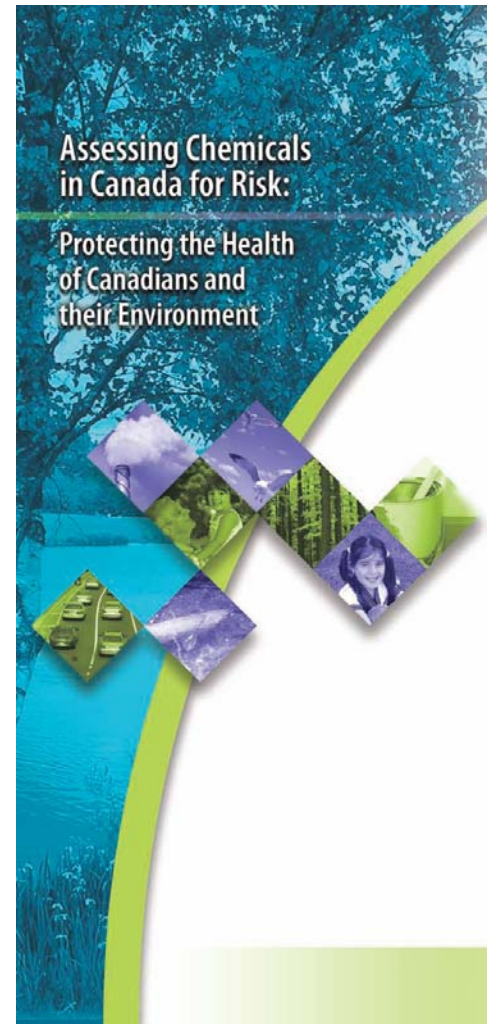
- <http://www.chemicalspolicy.org/chemicalspolicy.us.state.database.php>



- Domestic Substances List (DSL)
  - Categorization of substances
  - 4300 met categorization criteria
    - 500 high priority
    - 2600 medium priority
    - 1200 low priority

[www.chemicalsubstances.gc.ca](http://www.chemicalsubstances.gc.ca)

<http://www.chemicalsubstanceschimiques.gc.ca/about-a-propos/categor/index-eng.php>







- REACH – Substances of Very High Concern (SVHC list)
  - Candidate list for authorization

[www.echa.europa.eu](http://www.echa.europa.eu)

[http://echa.europa.eu/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

- Next, our feature presentation!  
**US EPA Chemical Action Plans**

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# Break-out Group Activity

- Focus on one EPA Chemical Action Plan
  - Discuss and summarize:
    - Likely **uses** in Massachusetts businesses
    - Potential TUR **opportunities and drivers**
      - Other drivers, e.g., customers, international sales, etc.
      - “green” markets
      - Emissive uses
    - Available **alternatives**
    - **Challenges** to substitution, which will help identify
    - **Needs** – information, research, assistance, testing, policy
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