Safer Consumer Products Regulations

Priority Products

Green Ribbon Science Panel

April 9 and 10, 2014

California Environmental Protection Agency

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Department of Toxic Substances Control

Program Update

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Program elements

- Product selection:
  - Initial Priority Products selection
  - Regulations development
  - 3 Year Work Plan
- Alternative Analysis
- Candidate Chemical list updates
- Information Technology

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1. Candidate Chemical Selection

2 Identify Priority Products with Chemicals of Concern

3. Alternatives Analysis

4. Regulatory Response

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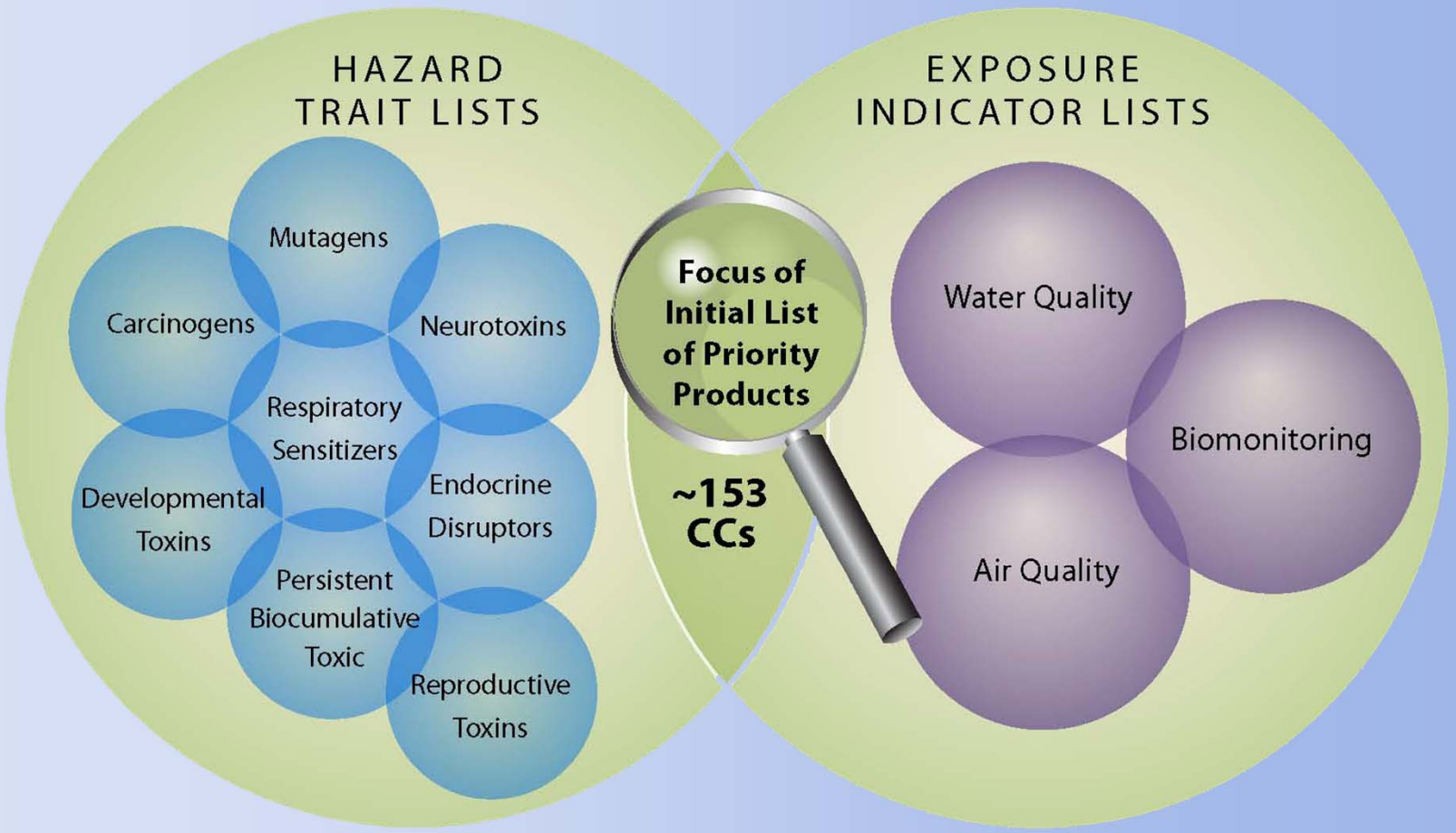
List of Candidate Chemicals: ~1,100



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Key Prioritization Principles

- Potential **exposure** to the Candidate Chemicals in the product

AND

- Potential for exposures to contribute to or cause **significant or widespread adverse impacts**

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Initial Priority Products Identified
March 13, 2014

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Initial Priority Products Identified
March 13, 2014

The products:

- Children's Foam Padded Sleep Products with TDCPP (Chlorinated Tris)
- Paint Strippers and Surface Cleaners with Methylene Chloride
- Spray Polyurethane Foam Systems with Unreacted Diisocyanates

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Next Steps

Regulatory reporting requirements begin

Public Workshops on the Draft Initial Priority Products List

Wednesday, May 7:	**Cal/EPA HQ** Byron Sher Auditorium
Wednesday, May 28:	**Elihu Harris Building** 1515 Clay Street Oakland, CA 94601
Wednesday, June 4:	**Los Angeles Area Chamber of Commerce** 350 S. Bixel Street Los Angeles, CA 90017

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Three Year Priority Product Work Plan Development

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Priority Product Work Plan

Due on **October 1, 2014**

Must include product categories that will be evaluated to identify product-chemical combinations to be added to the Priority Products list

Revisions to Priority Product Work Plan

Legally required

- to change the work plan (particular chemical, product, or both)
- if a petition is granted

Priority Product Work Plan Schedule

- Draft Plan Public Notice

  early *August 2014*

- Workshop *late August 2014*

Product Categories

Broad enough to look at a variety of products within the category

And

Specific enough to send the market signals to consider changes

Product Selection Process

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Initial Priority Product Profile

- Identifies Chemical of Concern
- Describes Product …GS-1 of GPC
- Highlights Hazard *and* Exposure
  - Sensitive Subpopulations
- Summarizes Market Presence
- Describes Other Regulations of PPs
- Offers References/Sources

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Startup challenges

- In progress regulations
- Definition of the product
- Product information:
  - Confirming chemical in the product
  - Understanding supply chain
- Collaboration framework across science disciplines, regulatory, legal, and industry
- Limited market analysis experience and data

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Lessons learned: keys for the future

- Preliminary screening
- Toxicologist involvement
- Continue partnerships with with BDOs, EPA
- Increase transparency & info exchange with Industry
- More emphasis on market understanding

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For Future PPs: Other Sources of Exposure Data?

- Emerging contaminants
- Environmental exposure data
  - Data on environmental media
  - Environmental Biomonitoring
  - Other?
- Additional sources of market data
- Additional data sources for sensitive subpopulations other than workers (e.g., children)? (Worker data relatively strong)

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Backup slides

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Source Authoritative Lists for Candidate Chemicals

Hazard Trait Lists

- Carcinogens: IARC, IRIS, NTP 12th Report on Carcinogens
- Neurotoxicants: ATSDR, IRIS
- PBTs: Canada DSL, EC SVHC, US EPA NWMP, US EPA TRI, Washington Department of Ecology
- Other Hazard traits:
  - EC CLP regulation Annex VI- Carcin., Mutagens, Repro., Respiratory
  - EC EDs - Cat. I
  - NTP OHAT –Repro. or Develop.
  - Prop 65- Carcin., Repro. or Develop.

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Source Authoritative Lists for Candidate Chemicals

Exposure Potential Lists

- Drinking water: CA MCLs, CA NLs
- Biomonitoring: CDC 4th National Exposure Report, CECBP - Priority Chemicals
- Impaired water bodies: CWA 303(c), CWA 303(d)
- Inhalation hazards: CA TACs, OEHHA RELs
- PBTs: OSPAR Priority Action Part A

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