



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

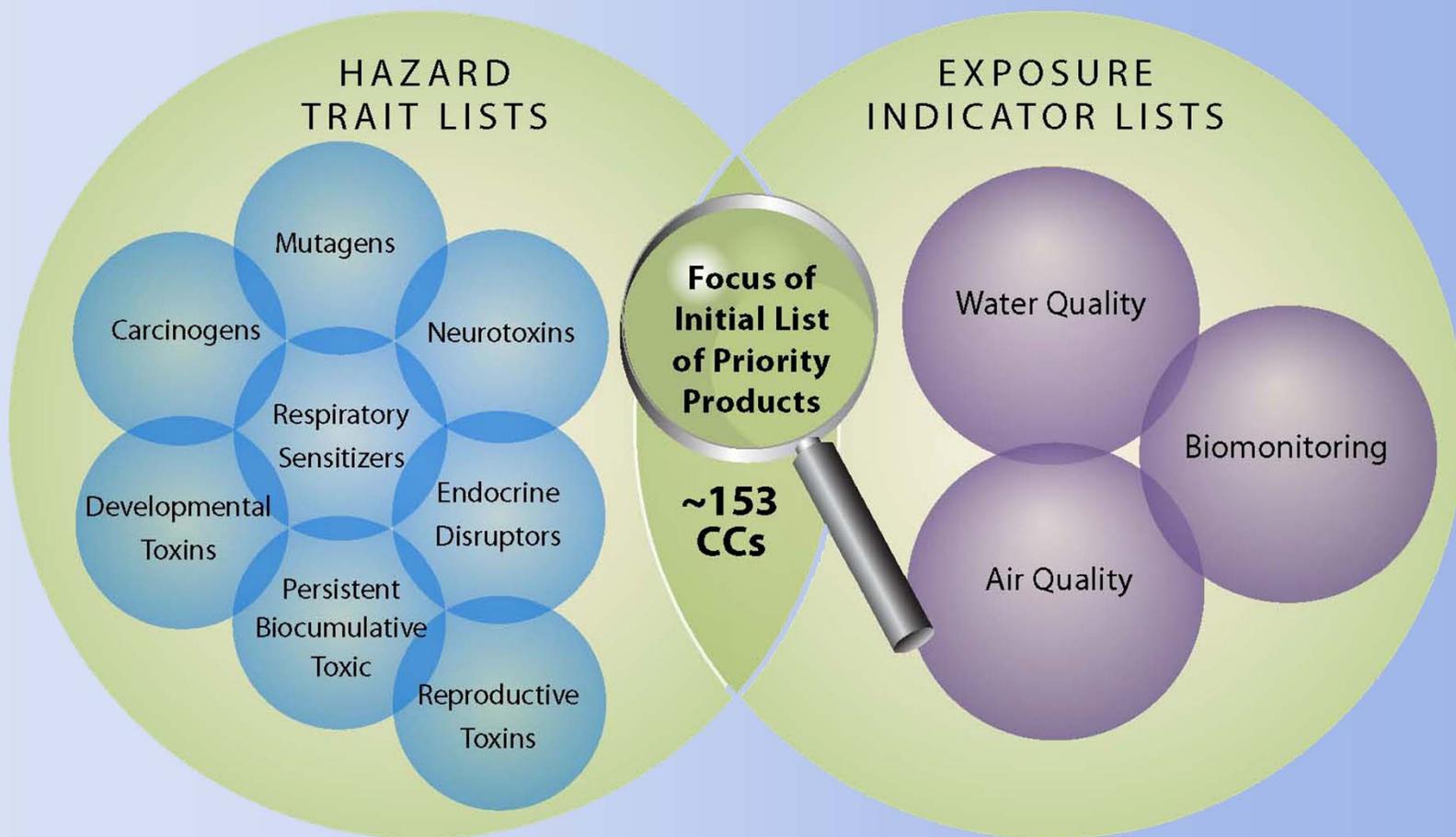


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List of Candidate Chemicals: ~1,100



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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

TIMELINE

March 13, 2014

Draft Initial Priority Products List
(Up to 5 Products)

May/June, 2014

Priority Product Workshops

Projected:
Late 2014

**Begin Rulemaking on Proposed
Priority Products List**

Public Comments/Public Hearing

Within one year of
rulemaking start

Final Priority Product List
(Adopted through Rulemaking)

**Notification of
responsibility
for Priority
Product**
(Up to 60 days)

**Preliminary
Alternatives
Assessment
Report**
(Up to 180 days)

- Regulator
- Responsible Entity
- Stakeholders
- Process
- Input
- Document

Regulatory reporting
requirements begin





Public Workshops on the Draft Initial Priority Products List

Wednesday, May 7:

Cal/EPA HQ
Sierra Hearing Room

Tuesday, 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-I 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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Determining exposure potential



8 Authoritative
Exposure lists in
regulation

Other authoritative
exposure potential
lists or data sources?

All 1,100 Candidate Chemicals



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For Future PPs: Other Sources of Exposure Data?

- Emerging contaminants
- 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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