



Safer Consumer Products Program: December 2024 Update

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BACWA Meeting, December 6, 2024



Department of Toxic Substances Control



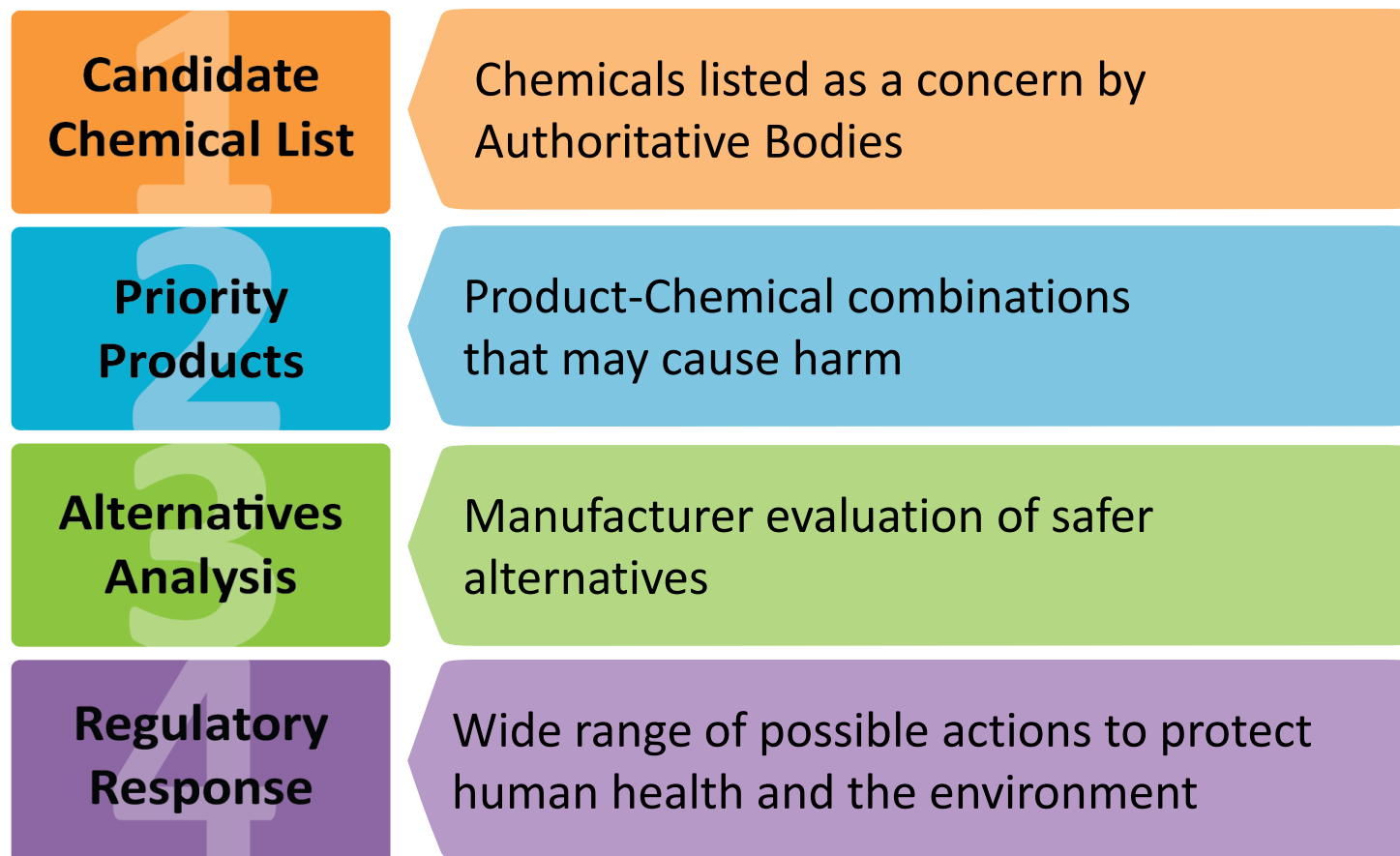
CalEPA

SCP Mission

Advance the design,
development, and use of
products that are
chemically safer for
people and the
environment



Safer Consumer Products (SCP) Regulatory Framework



SCP Framework Process- Candidate Chemical List

1
**Candidate
Chemical List**

Chemicals listed as a concern by Authoritative Bodies

2
Priority
Products

3
Alternatives
Analysis

4
Regulatory
Response

[Cal. Code Regs., Title 22, Division 4.5, Chapter 55 – Safer Consumer Products](#)

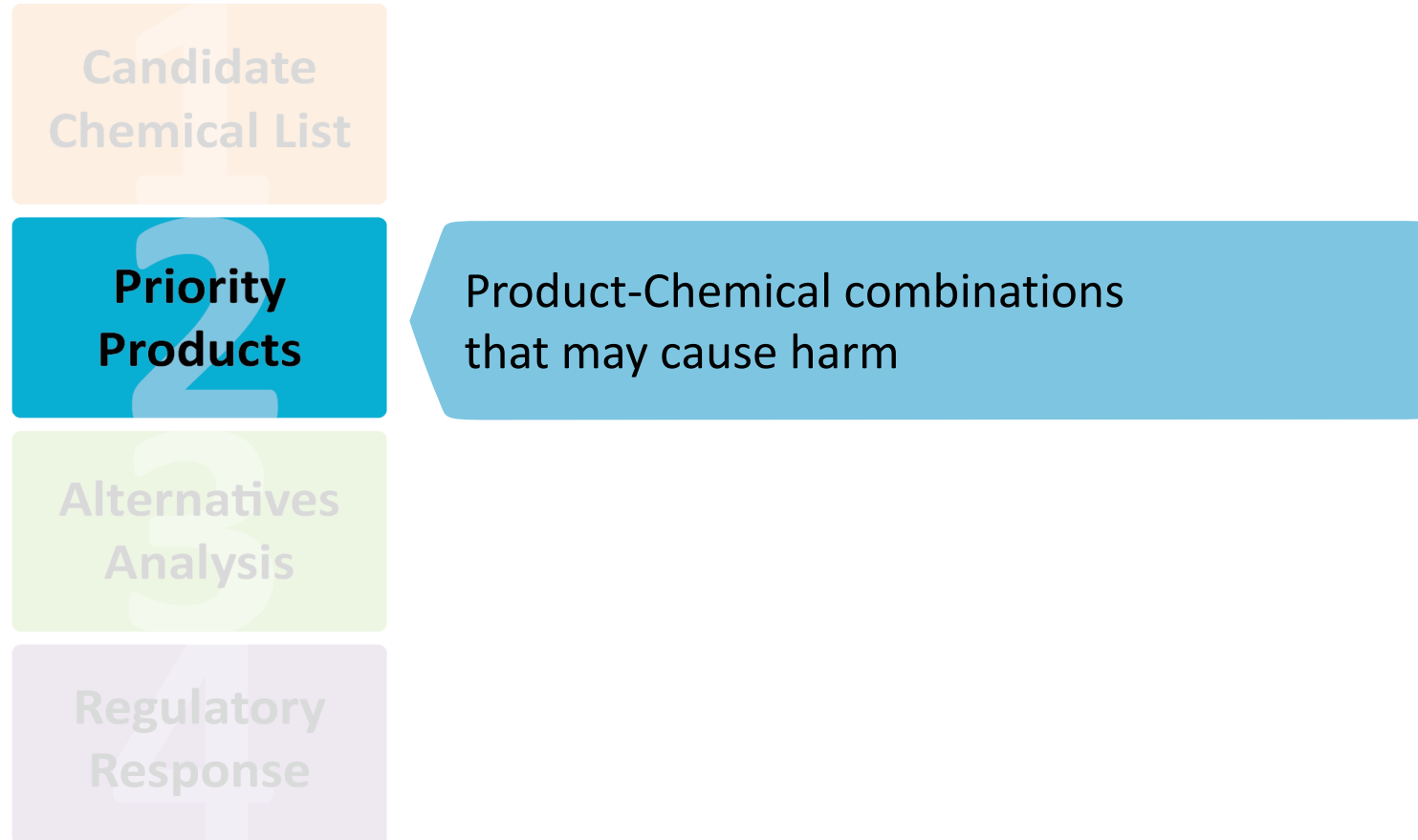


Potential Future Candidate Chemical Listings - Microplastics



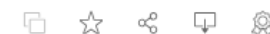
Projected to be added by
March 2026

SCP Framework Process- Priority Products

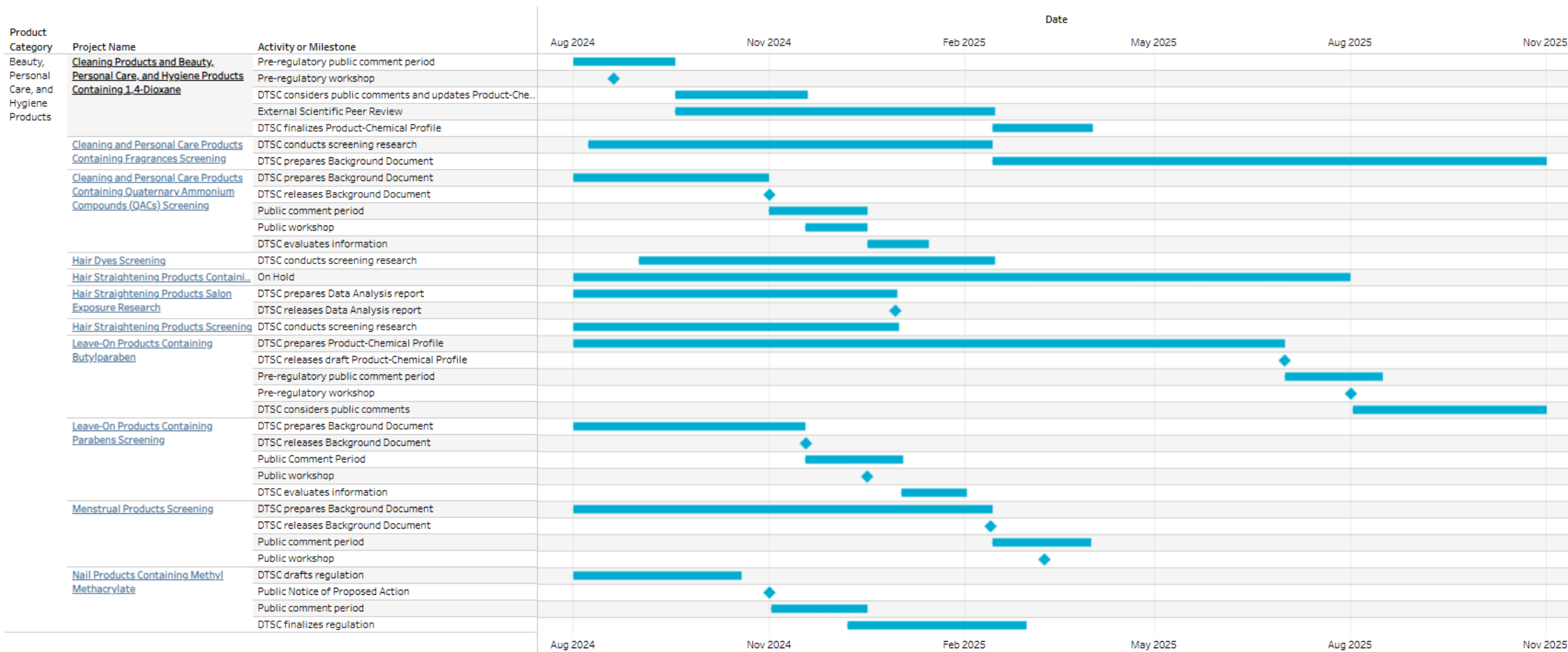


SCP is busy!

2024-Q4 SCP Timeline by [DTSC Safer Consumer Products \(SCP\) Program](#)



SCP Timeline as of November 2024



Personal Care and Cleaning Products Containing 1,4-Dioxane

- Contaminant in products from ethoxylated surfactants
- Released Draft Priority Product Profile
- Public workshop and comment period in August 2024
- Focus on manual dishwashing and shampoo products
- Initiate rulemaking early 2025



QACS in Cleaning & Personal Care Products

- Preservative/antimicrobial
- Background doc released December 2024
- Focus on non-FIFRA and non-drug uses
- January 2025 Workshop



pubs.acs.org/est



Critical Review

Quaternary Ammonium Compounds: A Chemical Class of Emerging Concern

William A. Arnold, Arlene Blum, Jennifer Branyan, Thomas A. Bruton, Courtney C. Carignan, Gino Cortopassi, Sandipan Datta, Jamie DeWitt, Anne-Cooper Doherty, Rolf U. Halden, Homero Harari, Erica M. Hartmann, Terry C. Hrubec, Shoba Iyer, Carol F. Kwiatkowski,* Jonas LaPier, Dingsheng Li, Li Li, Jorge G. Muñiz Ortiz, Amina Salamova, Ted Schettler, Ryan P. Seguin, Anna Soehl, Rebecca Sutton, Libin Xu, and Guomao Zheng

Cite This: *Environ. Sci. Technol.* 2023, 57, 7645–7665

Read Online

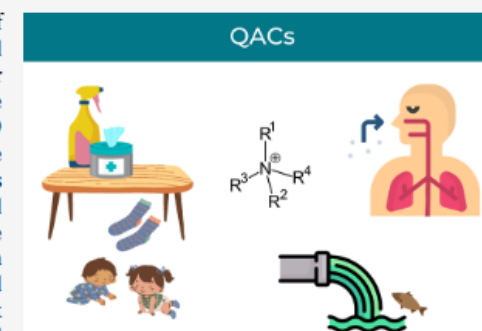
ACCESS |

Metrics & More

Article Recommendations

Supporting Information

ABSTRACT: Quaternary ammonium compounds (QACs), a large class of chemicals that includes high production volume substances, have been used for decades as antimicrobials, preservatives, and antistatic agents and for other functions in cleaning, disinfecting, personal care products, and durable consumer goods. QAC use has accelerated in response to the COVID-19 pandemic and the banning of 19 antimicrobials from several personal care products by the US Food and Drug Administration in 2016. Studies conducted before and after the onset of the pandemic indicate increased human exposure to QACs. Environmental releases of these chemicals have also increased. Emerging information on adverse environmental and human health impacts of QACs is motivating a reconsideration of the risks and benefits across the life cycle of their production, use, and disposal. This work presents a critical review of the literature and scientific perspective developed by a multidisciplinary, multi-institutional team of authors from academic



Laundry Detergents Containing Nonylphenol Ethoxylates

- Surfactant
- Largely commercial/industrial laundry products
- Initiated rulemaking 2023
- Regulations effective November 2024
- Received notifications for 10 products
- Compliance & enforcement next



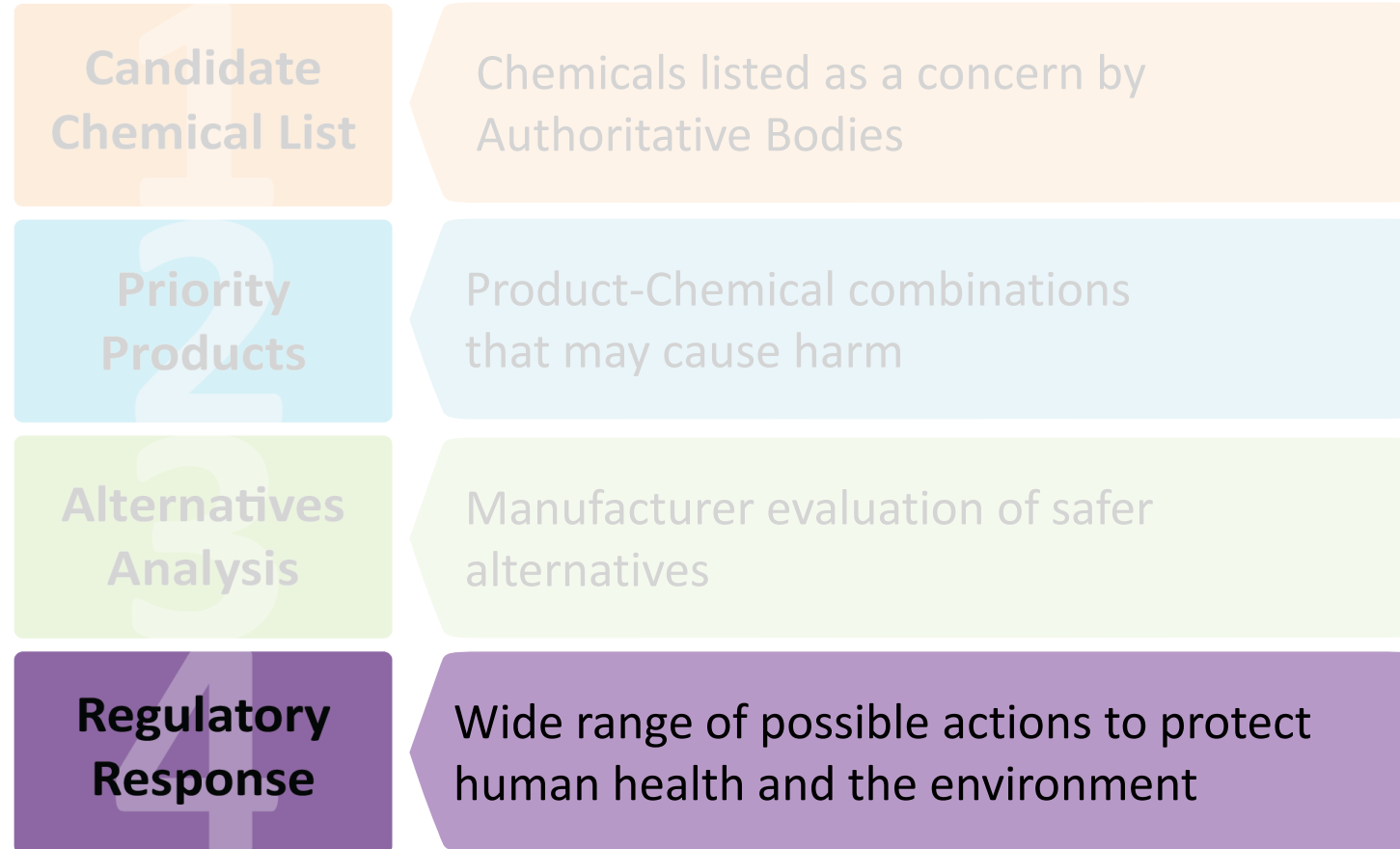
SCP Framework Process- Alternatives Analysis



6PPD in Motor Vehicle Tires



SCP Framework Process–Regulatory Response

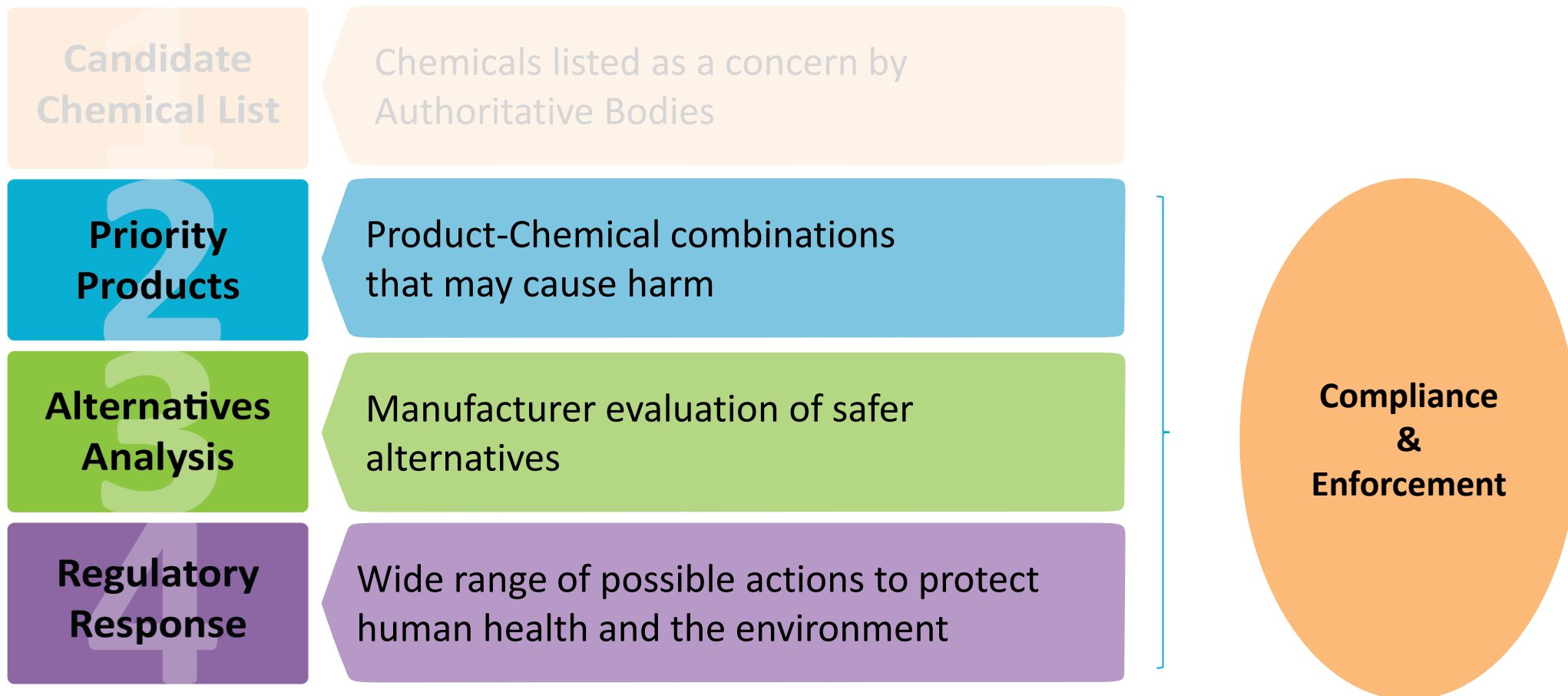


Regulatory Response Options

- Information for Consumers
- Use restrictions
- Sales prohibition
- Engineering or administrative controls
- End-of-Life product stewardship
- Advancement of Green Chemistry/Engineering
- No Regulatory Response



Safer Consumer Products (SCP) Regulatory Framework



Compliance Initiatives



Carpets & rugs containing PFASs



Leather & textile treatments containing PFASs



Priority Product Work Plan



- Released fall 2024
- <https://dtsc.ca.gov/scp/priority-product-work-plan/>

Beauty, Personal Care, and Hygiene Products



Building Products & Materials Used in Construction and Renovation



Paints



Cleaning Products



Children's Products



Products that Contain or Generate Microplastics



Motor Vehicle Parts, Accessories, Maintenance, and Repair Materials



Electronics



Food Contact Articles



Products Used or Produced By Metal Plating and Finishing Facilities



Pet Care Products



Questions? Discussion?

Thank you!

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Priority Product Listing



Alternatives
Analysis

Chemical
Removal
Notification

Product-
Chemical
Replacement
Notification

Product
Removal
Notification

Artificial Turf (Fibers and Backing)

- Background document reviewed numerous chemicals of concern
- Public workshop and comment period held in August 2024
- Proposed listing PFASs in Artificial Turf as a Priority Product

