



# California's Safer Consumer Products Program: Help Us Help You

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Safer Consumer Products Program  
October 7, 2016

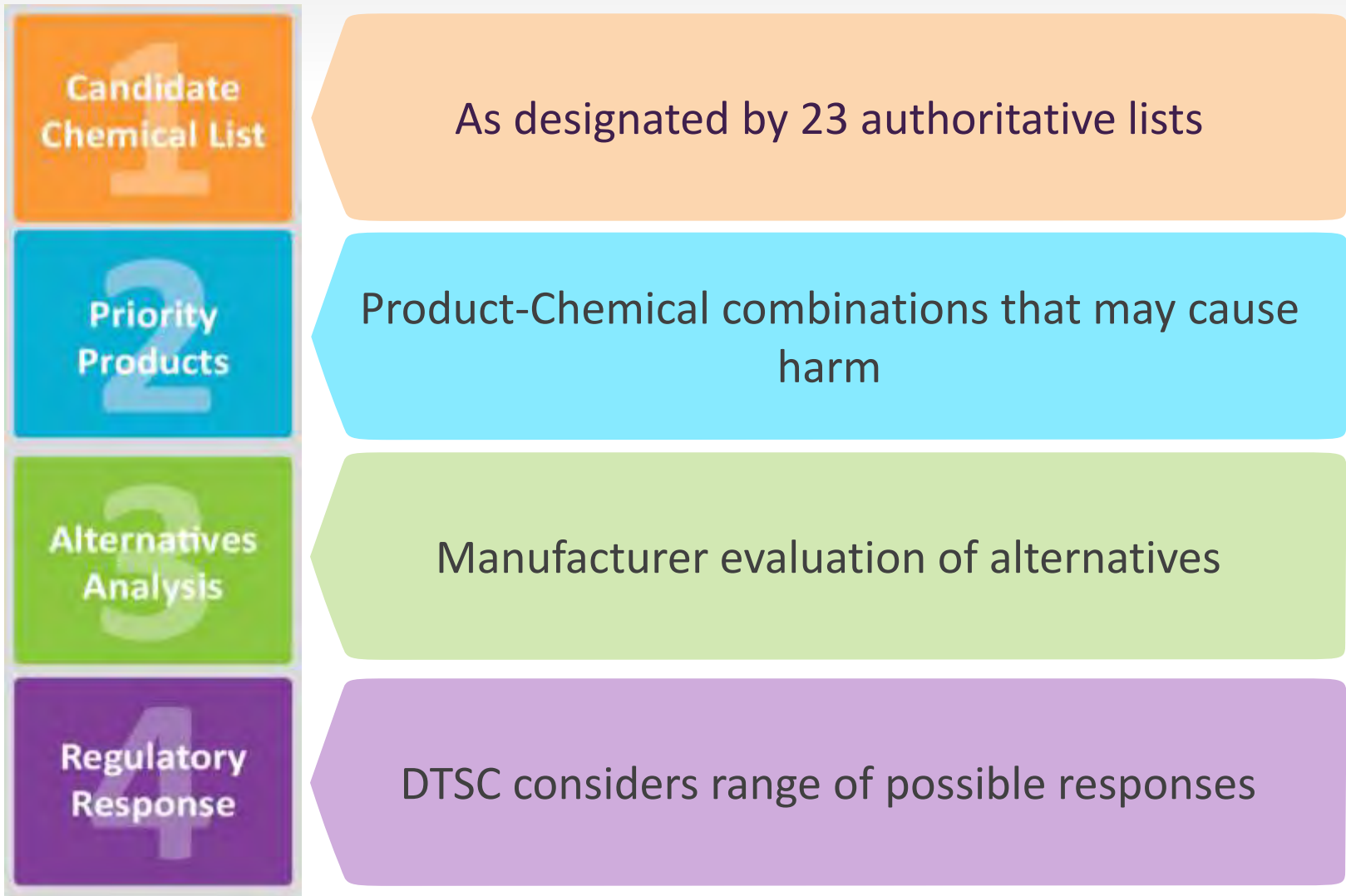


Department of Toxic Substances Control



Cal/EPA

# Safer Consumer Products Program



## Chemicals

## 1 Candidate Chemical List

- [23 Authoritative Lists](#)
- Menu of chemicals we can evaluate for listing as part of a Priority Product
- ~2,000 chemicals
- Automatically updates with authoritative list

## Authoritative List Examples:

- 303(c) and 303(d)
- OSPAR\* Priority Action Part A
- Several PBT lists
- CA Maximum Contaminant Levels
- CA Notification Levels

## Exclusions

- FIFRA pesticides
- Prescription drugs
- Radioactive Chemicals
- Natural toxins



## Search DTSC Candidate Chemical Database

[Chemical Lists Homepage](#) | [SCP Website](#) | [FAQ](#)

The Safer Consumer Products regulations require DTSC to post an informational list of Candidate Chemicals and to update the list periodically. (Cal. Code Regs, tit. 22, § 69502.3, subd. (a)). This list includes the chemical name, the Chemical Abstracts Service Registry Number (if applicable), the basis for listing the Candidate Chemical ([hazard trait](#) and [authoritative list name](#)), and the [group name](#) (if applicable).

Chemicals that exhibit a hazard trait and/or environmental or toxicological endpoint and are listed on one or more of the lists identified in section 69502.2(a) of title 22 of the California Code of Regulations are Candidate Chemicals. These are the chemicals that are identified on the informational Candidate Chemicals list. In the event there is a discrepancy between the criteria in section 69502.2 and the informational Candidate Chemicals list, the regulation controls.

The Chemical Abstracts Service Registry Numbers (CAS RNs) are listed as they are identified on the source list, therefore, a chemical may be identified using a synonymous name, and searching by CAS number whenever possible is recommended.

Download Informational Candidate Chemical List: [excel pdf](#)

Search by Chemical Name and CAS RN

Search Group Names

Search Chemicals of Concern

[New Search](#) | [Search by hazard traits or authoritative lists](#) | [Search potentially excluded Candidate Chemicals](#)

[www.calsafer.dtsc.ca.gov](http://www.calsafer.dtsc.ca.gov)



## Product

(Product-ChemicalCombinations)

# 2

## Priority Product

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

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

- Chemicals are considered in the product context
- No numerical weighting or ranking system
- Narrative standard



# Hazard Endpoints and Adverse Impacts Evaluated

Including:

- Aggregate Effects
- Cumulative Effects
- Physiochemical Properties
- Environmental Fate/Persistence
- Impairment of waste management organisms
- Loss of genetic diversity
- Phytotoxicity



# Priority Products Work Plan



## Priority Product Work Plan

Three Year Work Plan | 2015 - 2017

SAFER CONSUMER PRODUCTS BRANCH

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

# 2015 – 2017 Priority Product Work Plan Categories

Beauty, Personal  
Care and Hygiene  
Products



Household/Office  
Furniture/  
Furnishings



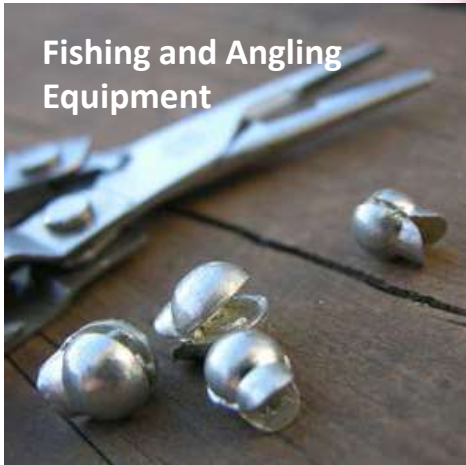
Building Products –  
Paint Products,  
Adhesives, Sealants,  
Flooring



Cleaning  
Products



Fishing and Angling  
Equipment



Office Machinery  
Consumable Products



Clothing





# Priority Product Process



# Work Plan Next Steps - Webinar



**Aquatic impacts from  
Nonylphenol Ethoxylates &  
Triclosan**

**Nail salon products**

**Per- and polyfluorinated alkyl  
substances (PFAS) in carpets,  
rugs, upholstered furniture, &  
their care products**

***November 15, 10:30am***

<http://www.dtsc.ca.gov/SCP/Workshops.cfm>



# Fall Work Plan Next Steps - Webinar

- Non-regulatory
- Start the conversation
- Present process, background for concern, and key questions that we have
- For NPEs and Triclosan:
  - Aquatic monitoring and toxicology data
  - Other CECs
  - Product use



# Fall Work Plan Next Steps - Webinar

TIER 4  
HIGH  
CONCERN

**MODERATE  
OR HIGH IMPACT**

None currently

TIER 3  
MODERATE  
CONCERN

**LOW IMPACT**

PEOS

Fipronil

Nonylphenol

PBDEs

TIER 2  
LOW  
CONCERN

**NO IMPACT**

HBCD

Pyrethroids\*

Pharmaceuticals

Personal Care Product Ingredients

PBDDs and PBDFs

TIER 1  
POSSIBLE  
CONCERN

**UNCLEAR**

Alternative Flame Retardants

Fluorinated Chemicals

Pesticides, Plasticizers

Microplastic

Many others

# Priority Product Process



## Alternatives Analysis (Industry Step)

## 3 Alternatives Selection

### Key Concepts

- Manufacturer evaluation
- Narrative standard
- Available for public comment

Answers key questions:

- Is it necessary?
- Is there a safer alternative?
- Have regrettable substitutes been avoided?

Broader than AA frameworks. Requires:

- Ecological impacts
- Life cycle impacts
- Economic analysis



# 4 Regulatory Response

- Draft Regulatory Response proposed by DTSC
- Available for Public Comment
- Final Regulatory Response

## Many possible responses:

- No response
- Additional info to DTSC
- Additional info to consumers
- Additional safety measures
- Sales restrictions/prohibitions
- End-of-life product stewardship
- Research funding



# SCP as Source Control

- Regulations allow targeting source of CECs instead of trying to treat and remove them from waste streams
- Increasingly important as recycled water/potable reuse options are considered and used
  - Need to understand presence of chemicals and which are of most concern



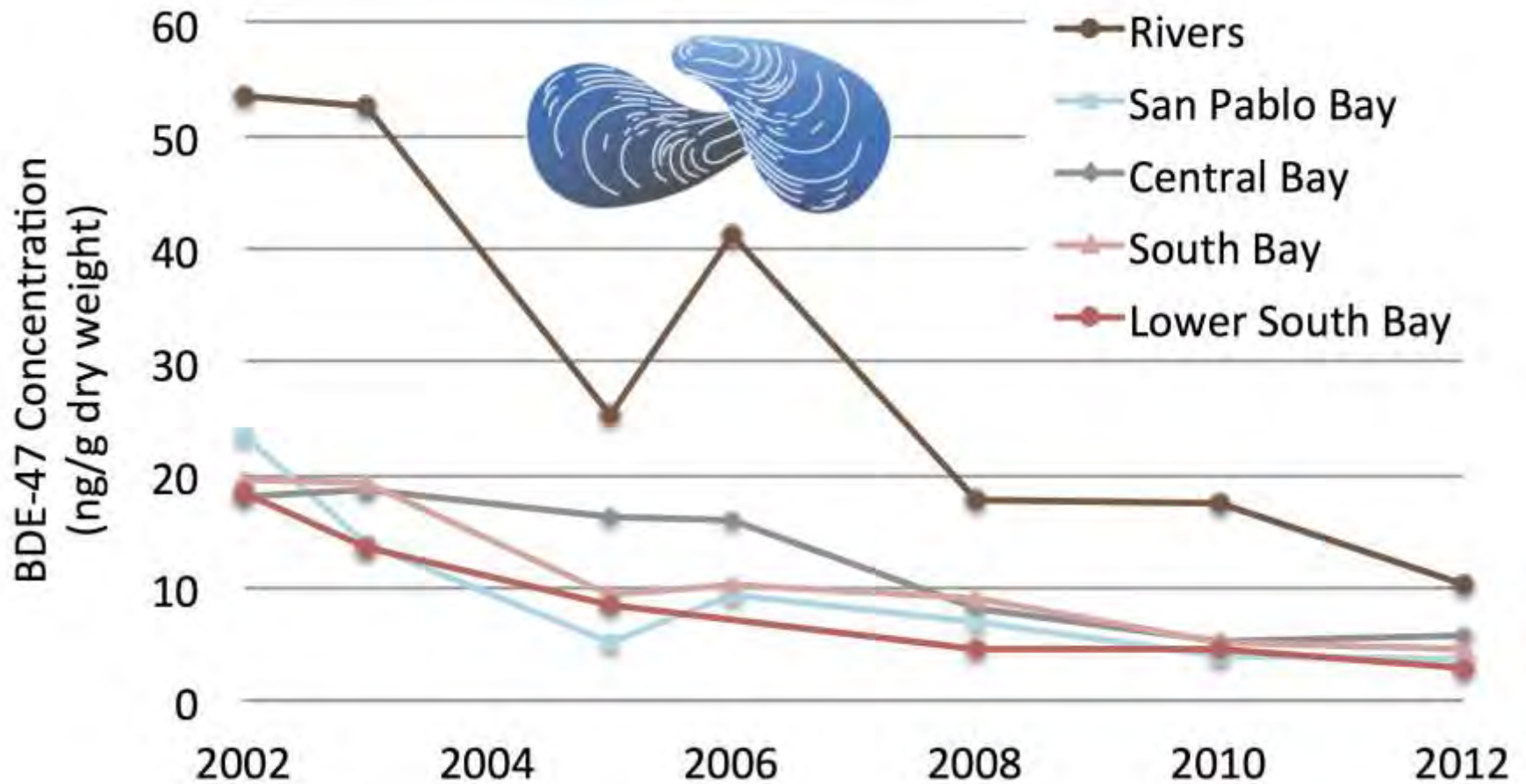
## STORMS OBJECTIVE 6

Increase Source Control and  
Pollution Prevention





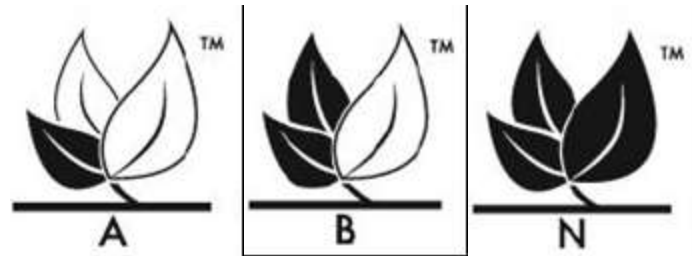
# Flame Retardants in SF Bay



# Copper in Brake Pads



- Brake Pad Partnership case study found brake pads largest source of copper in discharges to SF Bay
- CA law limits copper and other contaminants in brake pads
  - DTSC regulations effective January 1, 2017
- Projected to save an estimated \$1 billion in stormwater treatment costs



# SCP Data Needs

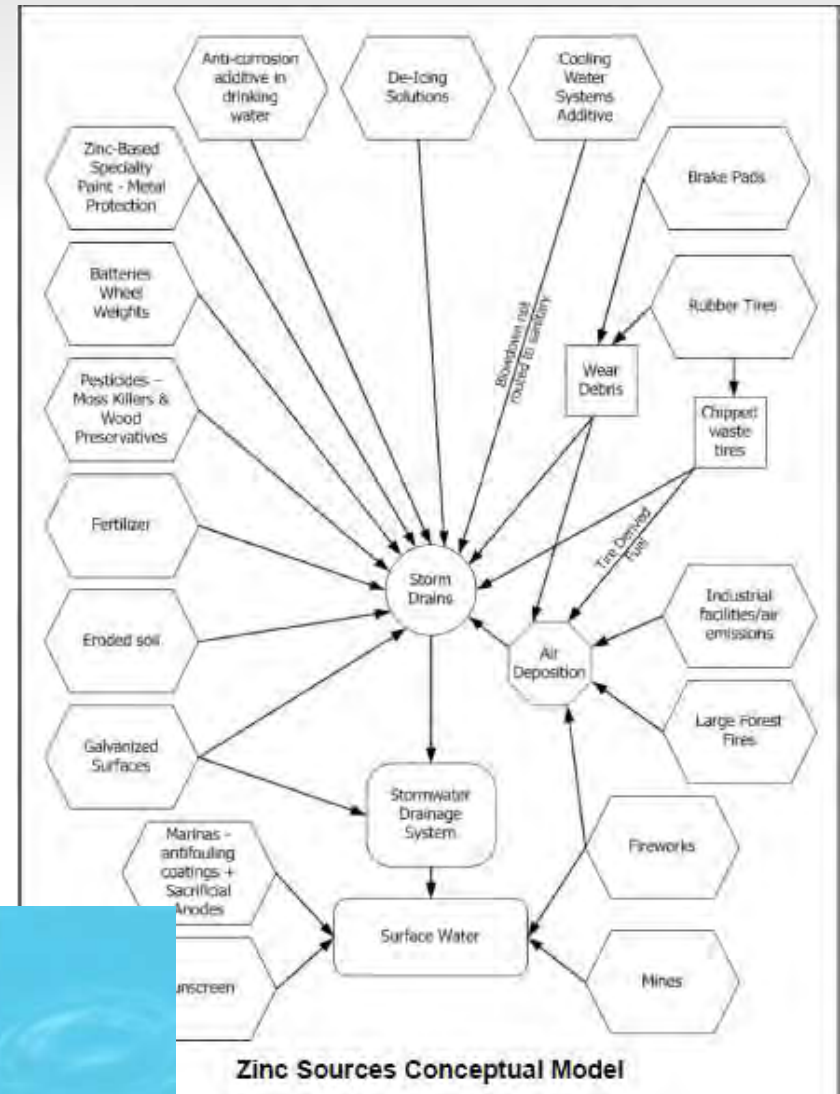
- Recent data on presence of chemicals in:
  - Aquatic environments (surface water, groundwater, sediment, biota)
  - WWTPs and recycled water
- Chemicals that may interfere with water processes
  - Ex. OCSD
- Chemical trends and emerging concerns
- Prioritization for California
- Source identification

**THE PULSE**  
CONTAMINANTS OF EMERGING CONCERN  
**OF THE BAY**



# Zinc in Tires

- CASQA report identified tires as one of two major sources of zinc in urban runoff
  - Comprehensive assessment of possible sources
  - Conceptual model



Zinc Sources  
in  
California Urban Runoff



# RMP Input During SCP Process

- Comment periods for:
  - Priority Product Work Plans
  - Priority Product Regulations
  - Final Alternatives Analyses
  - Draft Regulatory Responses
- Involvement in workshops
- Petitions: Chemical, Priority Product



[www.calsafer.dtsc.ca.gov](http://www.calsafer.dtsc.ca.gov)



## Safer Consumer Products Information Management System

Welcome to the Safer Consumer Products (SCP) Information Management System (CalSAFER). You can use CalSAFER to submit and view a variety of documents including: comments on proposed regulations, work plans and guidance, petitions and their supporting documents, Priority Product notifications, and alternatives assessments. All information (except confidential business information) submitted through CalSAFER will be posted, available, and searchable to all users.

If you become a registered user (required for some activities), you will be able to quickly find and continue your activities when you log back in. To become a registered CalSAFER user, [click here](#).


As always, we want to hear your suggestion and questions. Click on the help link located above. If you would like to learn more about the Safer Consumer Products Program, please visit our informational [web page](#).

**LOG IN**

USER NAME


PASSWORD

[Register](#)  
[Forgot Password](#)



**CANDIDATE CHEMICALS SEARCH**

Search for chemicals included on DTSC's Candidate Chemical list



**MAKE A COMMENT**

Submit comment on documents, work, plans, workshops, etc..



**SUBMIT A PETITION**

Submit petitions to add or remove chemicals, chemicals lists, products..

<https://calsafes.dtsc.ca.gov>





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Re: Listing BPA under the DTSC Safer Products Program

This petition asks DTSC to identify bisphenol A (BPA)-based epoxy resins used as linings of food and beverage cans as a priority product/chemical combination.

### Purpose

BPA resins are commonly used as linings in food cans. The most recent survey of BPA use, conducted by several non-profit organizations, found BPA resins in about 1/3 of the canned food products tested. Another 1/3 of the linings were made of BPA resins mixed with alternative resins. (1)



SAFER  
CONSUMER  
PRODUCTS (SCP)





# Thank you

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<http://www.dtsc.ca.gov/SCP>

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