



Safer Consumer Products Program Update

Green Ribbon Science Panel

July 17, 2017

Karl Palmer, Branch Chief

Safer Consumer Products Branch



Department of Toxic Substances Control



Cal/EPA

Safer Consumer Products Branch

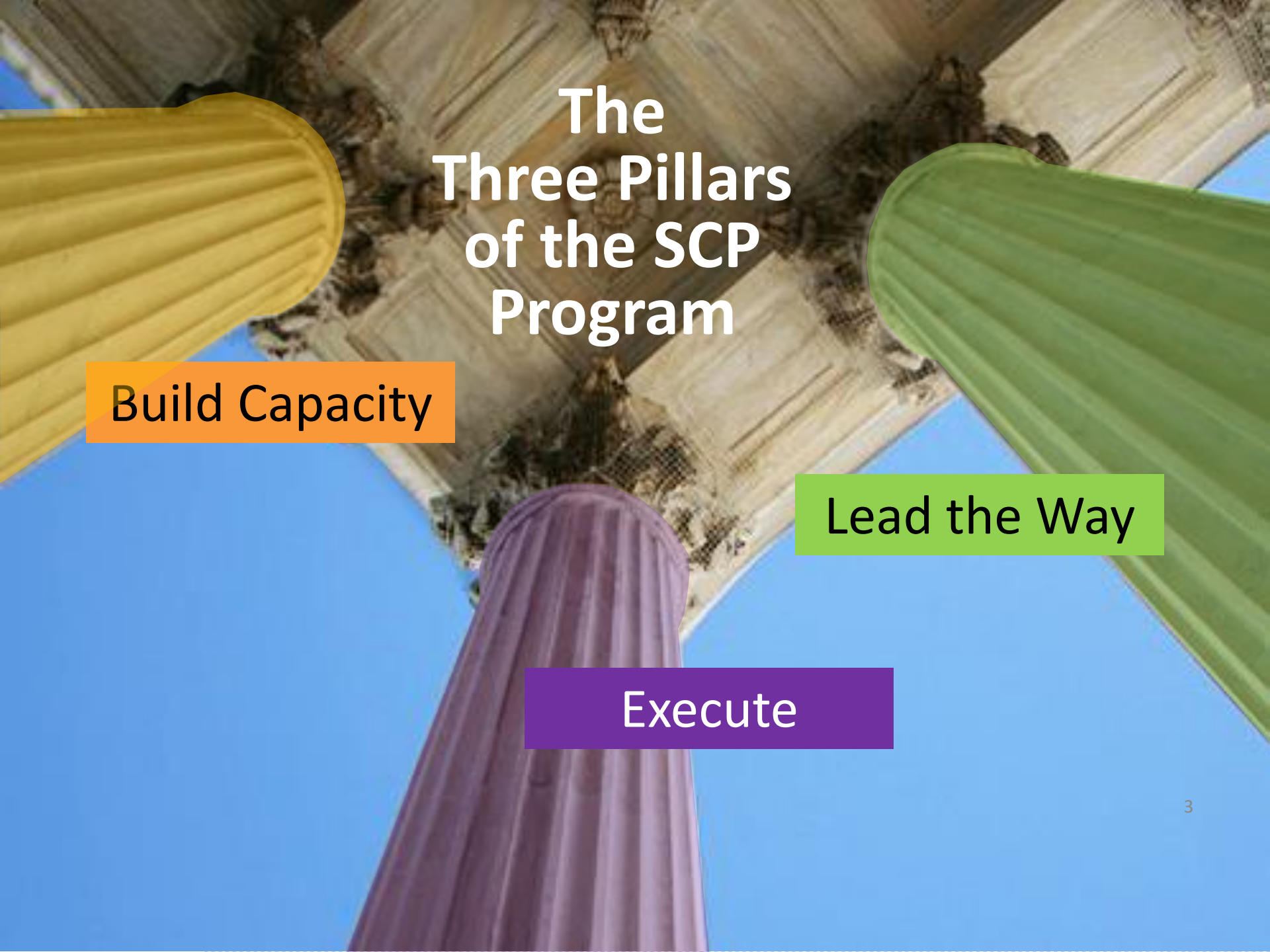
Vision

Products are made with chemicals that are safe for people and the environment.

Mission

To advance the design, development, and use of products that are chemically safer for people and the environment.





The Three Pillars of the SCP Program

Build Capacity

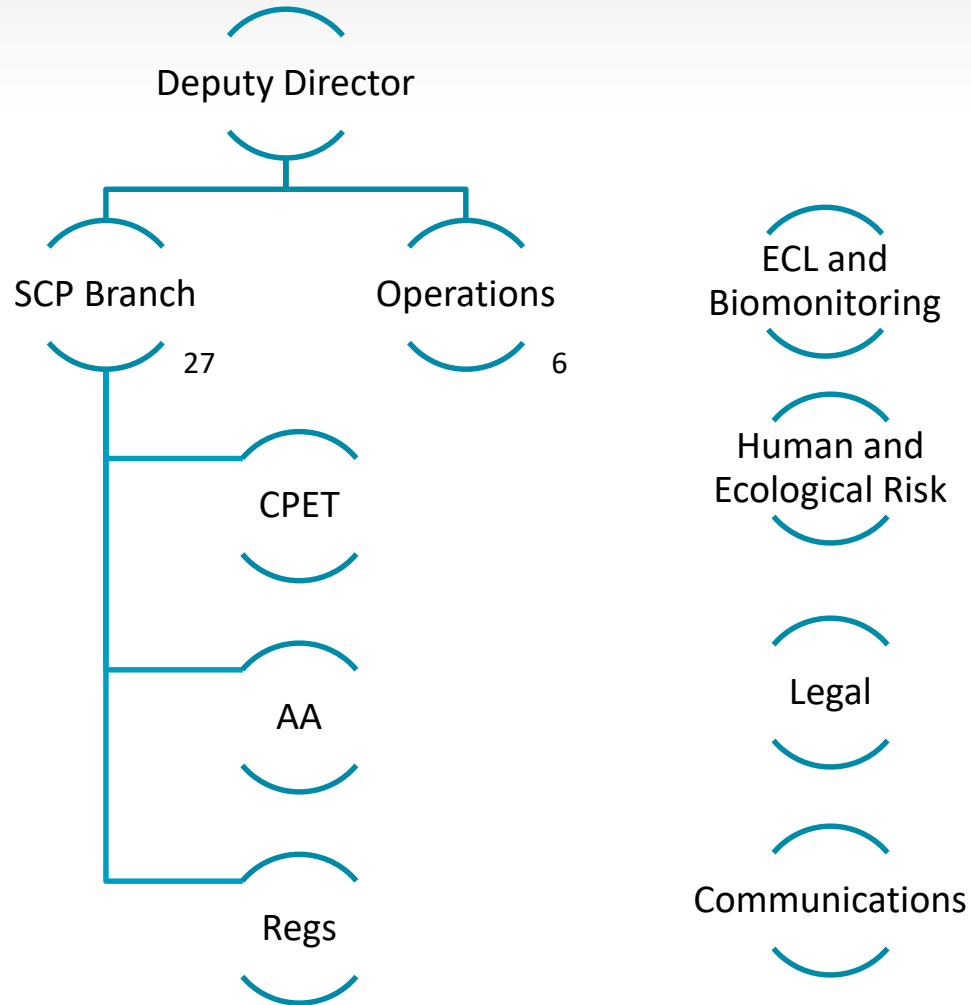
Lead the Way

Execute

A low-angle, upward-looking photograph of several classical columns, likely from the Lincoln Memorial, reaching towards a clear blue sky. The columns are fluted and have ornate capitals. In the upper left corner, there is a bright yellow, semi-circular graphic element. Overlaid on this yellow shape is an orange rectangular box containing the text "Build Capacity".

Build Capacity

SCP Organization and Staff Resources



Building expertise

- New skill sets:
 - Economics
 - Manufacturing and process engineering
 - Exposure science
 - Predictive toxicology
- Leveraging and learning:
 - US EPA MOU
 - Western States MOU
 - Coordinating organizations (e.g. IC2, ECOS, HESI, etc.)



Organizational and Process Improvement

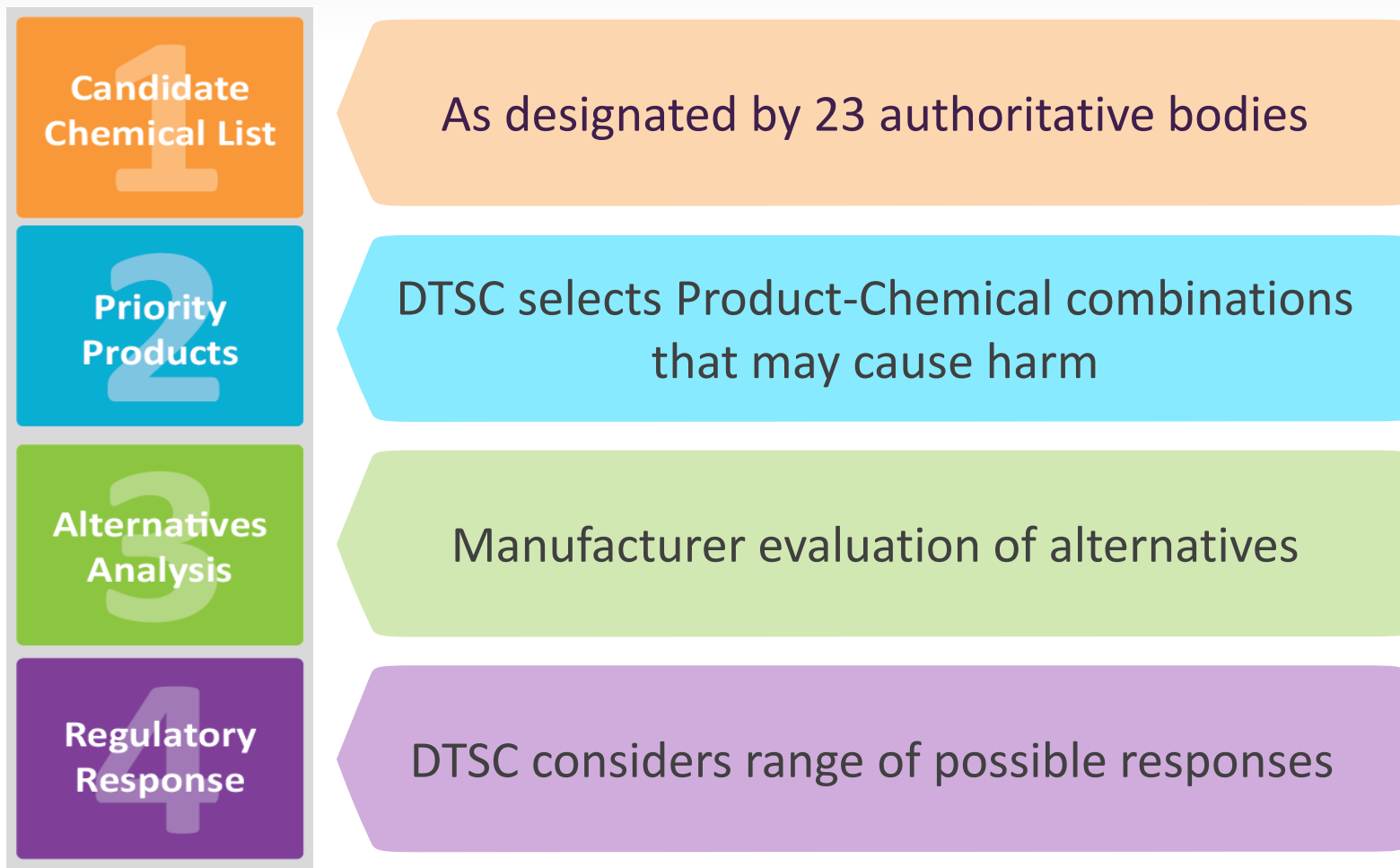
- DTSC Strategic Planning
- Diversity and Inclusion
- Lean Six Sigma
- Independent Review Panel (IRP)



A low-angle, upward-looking photograph of three classical columns. The columns are fluted and have ornate capitals. They are set against a clear, bright blue sky. The perspective creates a sense of height and grandeur. A purple rectangular box is overlaid on the lower part of the image, containing the word "Execute" in white text.

Execute

Safer Consumer Products framework



1st Priority Product Listed: Children's foam-padded sleeping products with TDCPP/TCEP



- Regulations effective July 1
- Includes
 - Nap Mats
 - Soft sided portable cribs
 - Play pens
 - Bassinets
- Priority Product Notifications due 8/30/17



Spray Polyurethane Foam with unreacted MDI



- Worker exposures
- Respiratory sensitization
- Asthmagen

Rulemaking underway

- Comments closed June 6



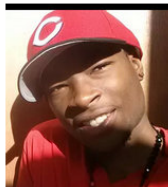
Methylene chloride paint strippers

Jeffrey Lewis, 20



By Staten Island Advance
on December 20, 2014 at 10:32 PM

[Print](#)
[Email](#)



Jeffrey Lewis, 2013

Family photo

STATEN ISLAND, N.Y. -- Former Staten Islander Jeffrey Lewis Jr., 20, of New Rochelle, N.Y., a glazer who will be remembered for his joyful spirit, died Tuesday in Manhattan. The cause of his death is pending autopsy results.

Born in Brooklyn, at about age 2 he began living in Mariners Harbor most of the time, until relocating to the Bronx and then New Rochelle.

Mr. Lewis attended DeWitt Clinton High School in the Bronx, where he starred on the track team. He graduated from New Rochelle High School in 2011.

He had been working with his father as a bathtub glazer in the family business, King Glazers, in New Rochelle, since 2012. Prior to that he worked as a locksmith for a year and then as a landscaper from 2011 to 2012.



shots HEALTH NEWS FROM NPR

YOUR HEALTH

Chemical Used For Stripping Bathtubs Kills 13

February 24, 2012 - 2:11 PM ET

NANCY SHUTE [Twitter](#)

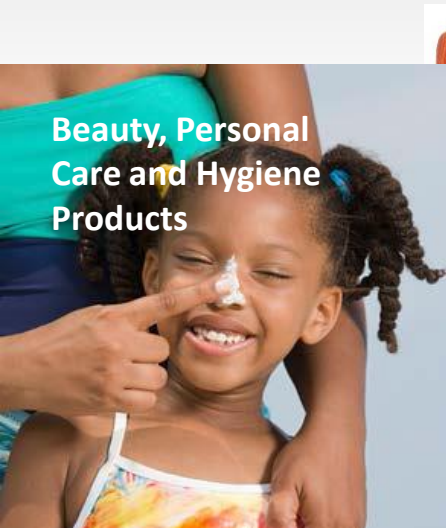
We've all seen those bathtub refinishing ads that promise a glossy new surface on the dingy old tub.

But a solvent used to make that transformation has killed at least 13 people who used it to strip bathtubs from 2006 to 2011, according to a new study. The chemical, methylene chloride, is sold as a solvent and paint stripper both to professionals and in dozens of do-it-yourself products sold at home improvement stores.



Sure, gussy it up. But be careful.

2015 – 2017 Priority Product Work Plan Categories



**Beauty, Personal
Care and Hygiene
Products**



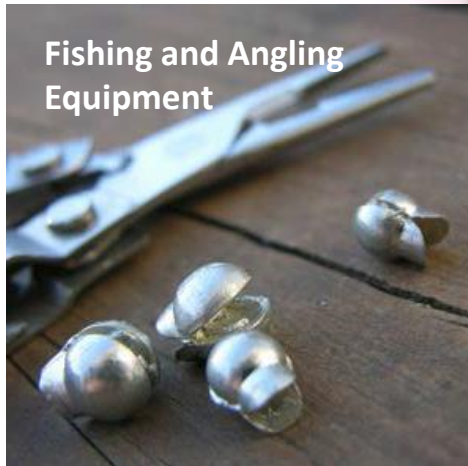
**Household/Office
Furniture/
Furnishings**



**Building Products –
Paint Products,
Adhesives, Sealants,
Flooring**



**Cleaning
Products**



**Fishing and Angling
Equipment**



**Office Machinery
Consumable Products**

Clothing



Picking Products



Step 1: Chemical scoping to identify key chemicals with potential impacts related to policy priorities

Step 2: Research on chemical uses in products

Step 3: Initial public engagement

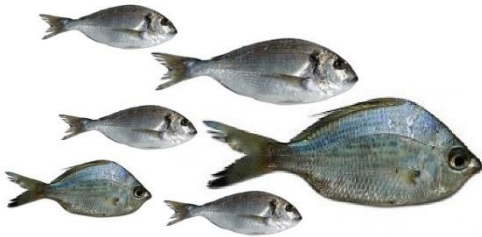
Step 4: Specifying chemical-product combinations *or* additional engagement and research

Step 5: Rulemaking

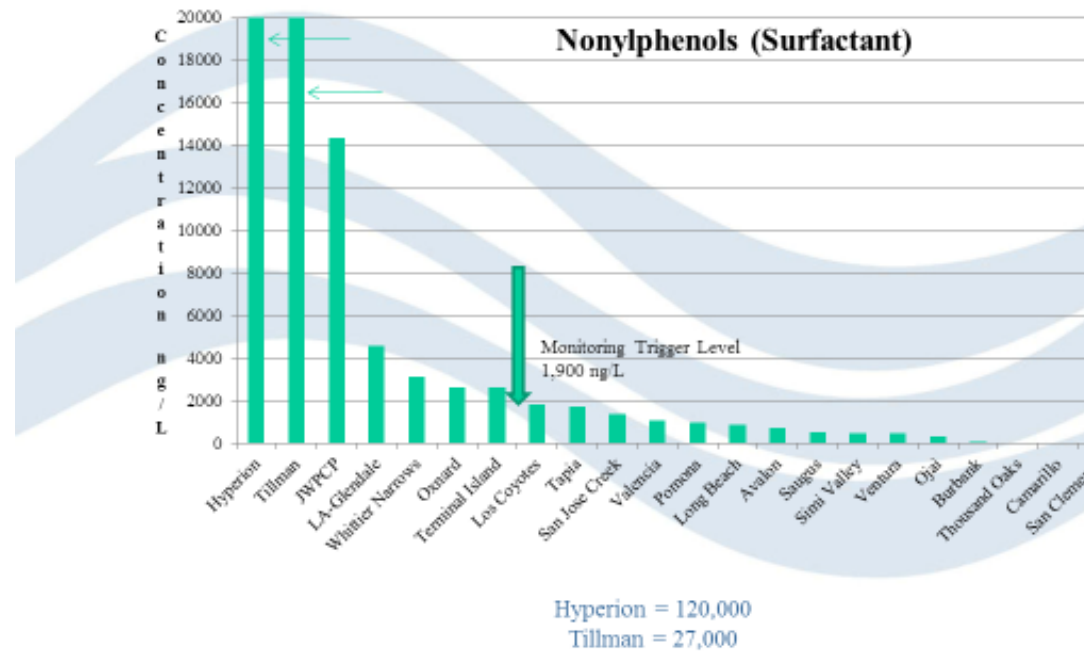


Potential Aquatic Impacts and Continued Uses of Nonylphenol Ethoxylates (NPEs)

- Commercial detergents
- Clothing
- Toilet paper
- Cleaners
- Paint



LA Region POTW effluent



Data from large NPDES dischargers

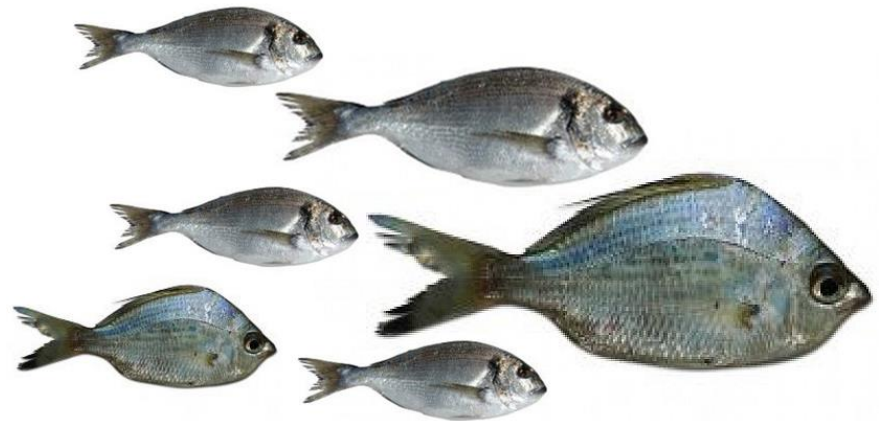
Information gathering continues – uses, presence in the environment



Potential Aquatic Impacts and Continued Uses of Triclosan

FDA action

Triclosan and triclocarban in liquid, foam, gel hand soaps, bar soaps, and body washes



Perfluoroalkyl and Polyfluoroalkyl Substances (PFASs) in Carpets, Rugs, Indoor Upholstered Furniture, and Their Care and Treatment Products



- Can cause cancer, kidney, liver disease
- Extremely persistent
- Long half life
- All PFASs listed via California Biomonitoring program
- High potential for regrettable substitution
- 1/31 workshop



The New York Times



Eugenia Colon holding an X-ray of her lungs from 2010. In the nail salon she owned in Brooklyn, she molded talon-like nails in a haze of acrylic powder, ignoring a persistent cough. Nicole

Perfect Nails, Poisoned Workers

Some ingredients used in nail products have been tied to cancer, miscarriages, lung diseases and other ailments. The industry has long fought regulations.

By SARAH MASLIN NIR MAY 8, 2015



Nail salon products

- Extensive worker exposures
- Chemicals beyond formaldehyde, toluene, DBP
- Hosted workshop 3/2
- Initial stakeholder input submitted
- AB 2125 Healthy Nail Salon Recognition



Lead Acid Batteries

- Governor Brown and Legislative mandates
- Evaluating lead acid batteries as potential Priority Product



Petition process

- Process allows submittal of data and analysis requesting DTSC action
- BPA in can linings petition denied July, 2017



 **CalSAFER**
SAFER CONSUMER PRODUCTS INFORMATION MANAGEMENT SYSTEM

Home Search Submit Help Sign In Register

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Home > Search > Petition

Submitted Petitions

Search Reset

Enter search keyword

Filter Options
Clear Filter

Petition Keyword Option
☒ Select All Petition Types
☒ Add a Chemical

Showing 1 Record(s)

Petition ID	Submitted Date	Petitioner	Petitioner Business/Organization	Submitter	Submitter Business/Organization	Petition Type	Current Status	View
2284	8/10/2016	Cox, Caroline	Center For Environmental Health			Add a Product-Chemical: multiple brands	Denied	 Petition  Repsonse

View petition at <https://calsafes.dtsc.ca.gov/>

CalSAFER: SCP's Information Management System



The screenshot shows the CalSAFER website in a web browser. The browser's address bar displays "https://calsafer.dtsc.ca.gov". The website's header features the CalSAFER logo, which consists of four colored diamonds (purple, blue, orange, green) arranged in a larger diamond shape, followed by the text "CalSAFER" and "SAFER CONSUMER PRODUCTS INFORMATION MANAGEMENT SYSTEM". A search bar is located to the right of the logo. Below the header is a blue navigation bar with links for "Home", "Search", "Submit", "Help", "Sign In", and "Register". The main content area has a large background image of the California State Capitol building. Below this image, the "Welcome!" section provides an overview of the system. The "Program Activities" section lists "Alternatives Analysis" and "Comments". The "Priority Products" section states that no priority products have been released. The "Our Regulations" section is partially visible at the bottom left.

CalSAFER: Home

Secure | <https://calsafer.dtsc.ca.gov>

Apps | San Francisco Public | Yolo Co. birding guide | Welcome | DTSC email office 365 | 2101 Constitution Ave. | Western States Green | Passport Application

 **CalSAFER**

SAFER CONSUMER PRODUCTS INFORMATION MANAGEMENT SYSTEM

Home Search Submit Help Sign In Register

Home

Welcome!

CalSAFER is a data management system maintained by the Department of Toxic Substances Control (DTSC). It operates as the information center for the regulatory activities of the Safer Consumer Products Program (SCP). Entities subject to SCP regulations will be able to communicate and exchange information with the Department through this portal, and stakeholders will be able to view and/or comment on submissions.

Program Activities

Alternatives Analysis

Responsible entities who manufacture a Priority Product will be required to submit an Alternatives Analysis (AA) report to the Department. To submit an AA Report, log in and select Alternatives Analysis Report under the Submit link in the top menu bar. [Click here to view AA Reports that have been submitted to the Department.](#)

Comments

SCP proposed Regulations, Priority Product Work Plans,

Priority Products

No priority products have been released.

 [Search](#)

Search CalSAFER for comments received during public comment periods, Notifications, Alternatives Analysis reports, proposed Regulatory Response determinations, petitions, documents supporting petitions and comments, Failure to Comply lists, and more.

 [Submit](#)

Our Regulations

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

Alternatives Analysis

(Industry Step)

3 Alternatives Selection



Alternatives Analysis



AA Guide

- Version 1.0 issued in June
- Will be updated regularly
- DTSC will work with regulated sectors on technical assistance



AA Guide Outreach and Training

- Assessing interest/needs of stakeholders
- Focus on assistance to Regulated Entities and AA practitioners
- Tool Development
- Training development and delivery
- Development of pilot AA's and examples
- Engagement with community of practice



A low-angle, upward-looking photograph of several classical stone columns with fluted shafts and ornate capitals. The columns are set against a clear blue sky. The ceiling above the columns features a diamond-shaped pattern of recessed panels and a central medallion. A large, semi-transparent green column with fluting is overlaid on the right side of the image, extending from the bottom towards the top.

Lead the Way





Signal to the Marketplace...

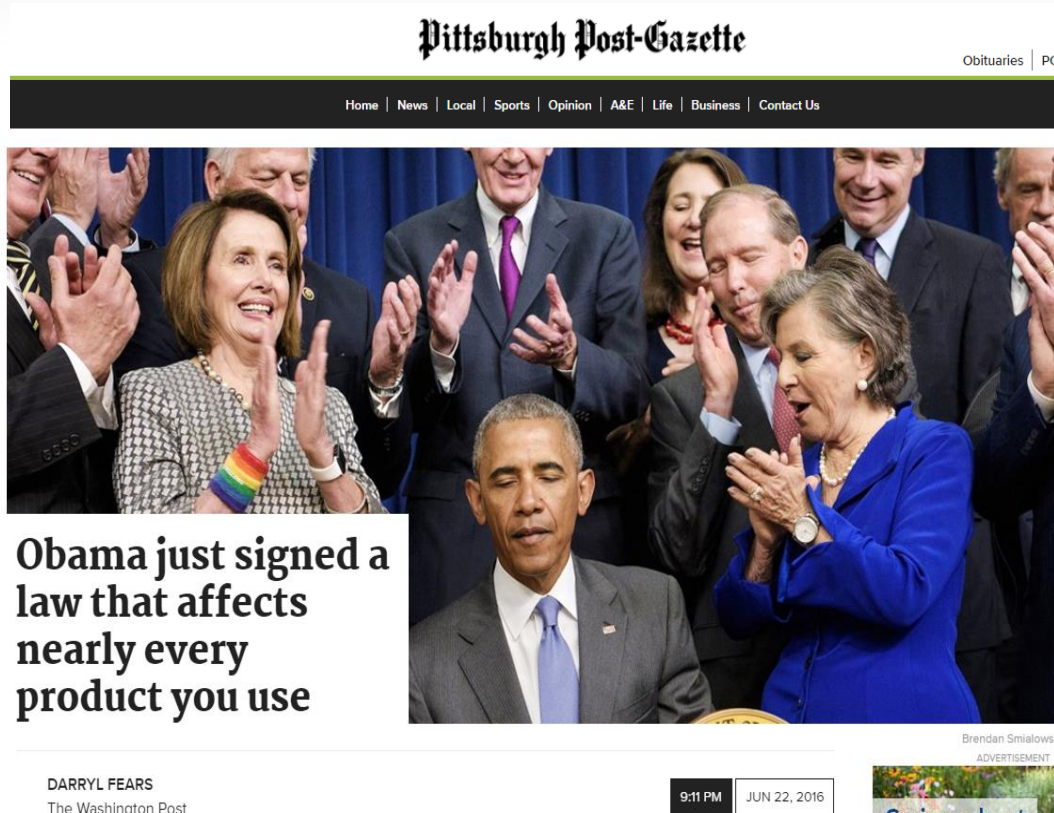


2018 – 2020 Priority Product Work Plan

- Menu of consumer product categories for PP selection
- Identification of DTSC policy priorities
- Public input and engagement needed
- Drafted by EOY



The Frank R. Lautenberg Chemical Safety for the 21st Century Act



- Signed June 22, 2016
- Changed the standard for chemical restrictions
- Timelines for chemicals review set in statute

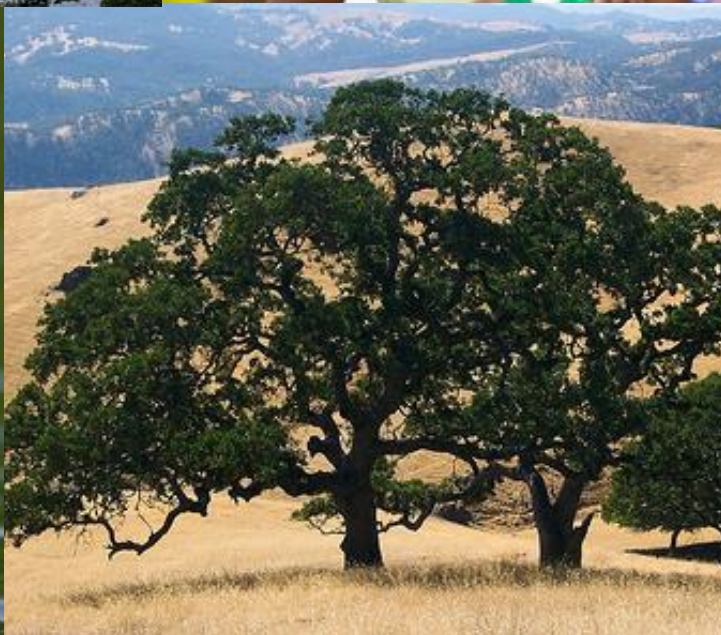




*If I have seen further, it is by standing on
the shoulders of Giants.*

Sir Isaac Newton (1642 - 1727)





Thank you

