

The California Safe Cosmetics Act – A First Step toward Healthier Personal Care

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Overview

- Public health concern – use of products with toxic chemicals and lack of data
- California Safe Cosmetics Act Overview
- California Safe Cosmetics Program – Initial and Future Activities

Examples of Toxic Chemicals in Some Cosmetics

- Known or likely carcinogen
 - ✓ Arylamines, anilines, azo dyes (hair colors)
 - ✓ 1,4-Dioxane (various products)
 - ✓ Estradiol (shampoos, lotions)
 - ✓ Formaldehyde (nail products, shampoos, body washes)
 - ✓ Methylene Chloride (artificial nails)
 - ✓ Silica (talcum powder and other products)
- Known or likely reproductive toxicants
 - ✓ Lead (some color pigments; lipstick or tattoos)
 - ✓ Phthalates (various products)
 - ✓ Parabens (various products)
 - ✓ Toluene (nail polish)

Public Concerns

- Current Federal and State laws do not require safety testing, review, or approval of cosmetic products prior to marketing
- Products that contain known/suspected carcinogens or reproductive toxicants have not been fully evaluated for long-term health effects
- Product labels not required to include all ingredients such as fragrances, colors & flavors

Public Concerns

- Government & consumers lack information on use of cosmetic products with potentially hazardous chemicals
- Health effects could occur before regulatory action is taken
- Most highly exposed population is workers in the personal care industry

California Safe Cosmetics Act

- Authored by Senator Migden (SB 484)
- Signed into law in October 2005 (H&S Code – Sections 111791-111793.5)
- Sponsors: Breast Cancer Action, Breast Cancer Fund, Nat'l Environmental Trust
- Division of Environmental and Occupational Disease Control lead for implementation (created CSCP)
- No funding provision

Key Provisions of Safe Cosmetics Act

- Cosmetic manufacturers are required to report to CDPH all products that contain potentially carcinogenic or reproductive toxic ingredients as identified by “authoritative bodies”
- Based on “Right-to-Know”
- Precautionary approach; not risk-based
- Chemical substitution

Key Provisions of Safe Cosmetics Act

- Companies are required to report if:
 - ✓ they marketed product with reportable chemicals in California after January 1, 2007
 - ✓ their name is listed on product label, AND
 - ✓ their total aggregate annual sales exceed \$1 million
- “Trade secret” information claims
- CDPH to conduct health studies
- Notify Cal/EPA and Cal/OSHA of consumer product or workplace concerns

Initial Focus of CSCP

- Engage stakeholders
- Obtain legal consultation
- Provide guidance
- Outreach
 - ✓ CSCP web page
 - ✓ Toll-free help line
 - ✓ Information “fact” sheets
 - ✓ Contacts database
 - ✓ Contacted 16,000 manufacturers around the world



www.cdph.ca.gov/programs/cosmetics

California Safe Cosmetics Program

The primary purpose of the California Safe Cosmetics Program is to collect information on hazardous and potentially hazardous ingredients in cosmetic products sold in California and to make it available to the public.

Background

Many different chemicals are used in making cosmetics. Consumer and worker advocacy groups are concerned that some cosmetic products contain chemicals known or suspected to cause cancer, birth defects, or damage to the reproductive system. The risk that cosmetics may pose to users is generally unknown because of limited information on exposure or lack of studies on potential health effects. Barbers and hair stylists, nail salon workers, and others who work in cosmetics, skin and body care may be at increased risk for adverse health effects from using these products because they handle greater quantities of them, and with greater frequency. The [California Safe Cosmetics Act \(PDF\)](#) was signed into law in 2005. For all cosmetic products sold in California, the Act requires the manufacturer, packer, and/or distributor named on the product label to provide to the California Safe Cosmetics Program in the California Department of Public Health (CDPH) a list of all cosmetic products that contain any ingredients known or suspected to cause cancer, birth defects, or other reproductive harm.

Program Activities

- Maintain a list of chemical agents known or suspected to cause cancer, birth defects, or other reproductive harm;
- Develop a user-friendly reporting system;
- Create and maintain a database of product ingredient information submitted by companies;
- Create reports of the data that are submitted, including products and ingredients reported, and reformulated products;
- Convene meetings of health advocates, industry, regulators, and others to promote collaborative efforts to ensure product safety.

What's New at the Safe Cosmetics Program

- 2008-09 State budget impact on program
- Information sheets released
For details on reporting, chemical and product lists, and definitions used by the Safe Cosmetics Program
- Cosmetics Program Chemical List
- View all What's New items
Background and descriptions of all current items

Publications and Reports

- Cosmetics Program & related OHB publications
- For a list of all Occupational Health Branch publications

Related Links and Resources

- Related publications by others
- Legislation and regulatory information
- Cosmetics Program chemical list technical sources
- Specific product and chemical information

Program Information

- Contact the Safe Cosmetics Program
Contact information and help lines
- Frequently asked questions

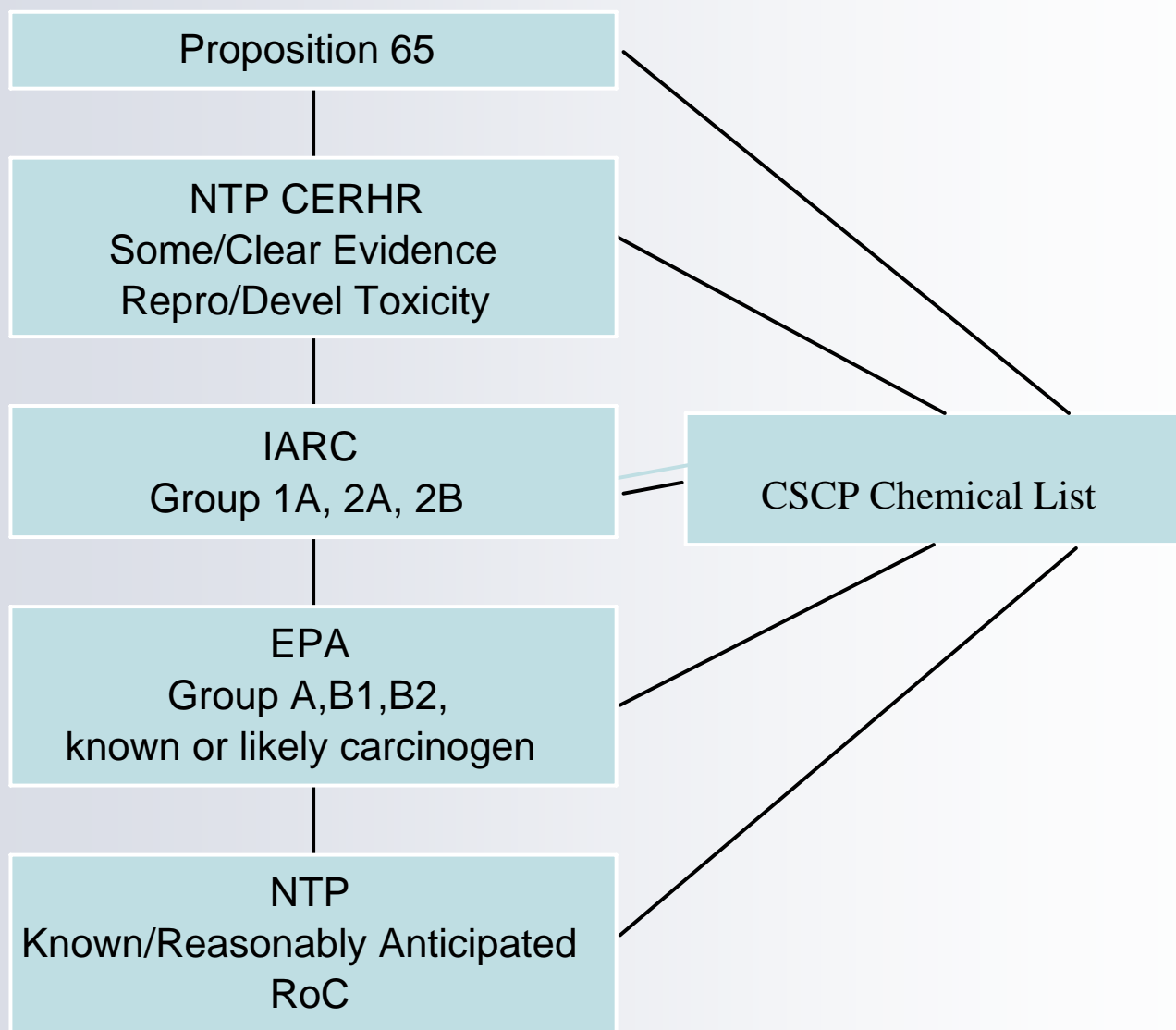
Organization

- Occupational Health Branch home page
- Occupational Health Branch programs & activities
View complete list

Workplace Health and Safety Resources

- General health and safety links
- For workers
- En español
- For employers
- For healthcare providers

List of Chemicals that Meet Criteria Listed in Statute



CSCP List of Chemicals

**CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
OCCUPATIONAL HEALTH BRANCH
CALIFORNIA SAFE COSMETICS PROGRAM
January 29, 2008**

**CHEMICALS KNOWN OR SUSPECTED TO CAUSE
CANCER OR REPRODUCTIVE TOXICITY**

The California Safe Cosmetics Act of 2005 requires cosmetic manufacturers to disclose to the California Department of Public Health (CDPH) all products containing chemicals known or suspected to cause cancer, birth defects, or other reproductive toxicity. To assist companies with reporting, CDPH compiled this list of chemicals in consultation with the Office of Environmental Health Hazard Assessment. CDPH used lists and reports available from the authoritative scientific bodies cited in California Health and Safety Code Section 111791.5 (see the last page of this list for details). It should be noted that not all listed chemicals will be found in cosmetic products.

The "INCI Name" (International Nomenclature of Cosmetic Ingredients) is provided for those chemicals that are listed in the International Cosmetic Ingredient Dictionary (11th ed.). The CAS number is the Chemical Abstract Service (CAS) Registry Number. Not all listed chemicals will include CAS numbers or INCI names. The "Basis for ID" (basis for identification) cites the authoritative body that listed the chemical. In cases where the chemical was listed under Proposition 65 as well as by other authoritative bodies, only Proposition 65 was noted.

Note to consumers: Some cosmetic products may not contain any of these chemicals. Also note, the likelihood of a cosmetic product leading to cancer or reproductive harm depends on many factors, including but not limited to the amount and type of exposure to chemicals in the product. The chemicals are listed here because of findings from research on the chemicals and not on cosmetic products.

	Chemical	INCI Name	CAS #	Type of Toxicity	Basis for ID
1	A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)		26148-68-5	cancer	Proposition 65
2	Acetaldehyde	Acetaldehyde	75-07-0	cancer	Proposition 65
3	Acetamide		60-35-5	cancer	Proposition 65
4	Acetazolamide		59-66-5	developmental	Proposition 65
5	Acetochlor		34256-82-1	cancer	Proposition 65
6	Acetohydroxamic acid		546-88-3	developmental	Proposition 65
7	2-Acetylaminofluorene		53-96-3	cancer	Proposition 65
8	Acifluorfen		62476-59-9	cancer	Proposition 65
9	Acrylamide		79-06-1	cancer developmental male reproductive	Proposition 65 CERHR
10	Acrylonitrile		107-13-1	cancer	Proposition 65
11	Actinomycin D		50-76-0	cancer developmental	Proposition 65
12	AF-2;[2-(2-furyl)-3-(5-nitro-2-furyl)]acrylamide		3688-53-7	cancer	Proposition 65

Initial Focus of CSCP (*con't*)

- Develop and launch online reporting system for cosmetic manufacturers
 - Mock reporting forms
 - Working group of stakeholders
 - Hired contractor to convert to online system
 - User acceptance testing
 - Beta testing

Example Data Fields

- Company & submitter information
- Product information
 - ✓ names on label
 - ✓ product type
 - ✓ manufacturer
- Reportable ingredients & concentrations
- Collections, colors, scents, flavors & specific chemicals
- Perjury statement and electronic signature



California Safe Cosmetics Program Reporting System

[Reporting Instructions](#)

Complete the information below to request an account.

Specify User Name and Password

User Name:

Password:

Retype Password:

Cosmetic Firm's Profile

Name of Firm:

Other Name (DBA):

Corporate Name (if applicable):

FDA CFN/FEI (if applicable):

Website (URL):

Company Type: ☐ Public Company ☐ Private Company

Business Address Line 1:

Business Address Line 2:

City of Business: State/Province:

Zip/Postal Code: Country:

How is this firm named on the label of products to be reported? (check all that apply)

☐ Distributor

☐ Manufacturer

☐ Packer

☐ Not named on the label of products to be reported

Cosmetic Firm Contact Person's Information

First Name:

M.I.: Last Name:

Title:

Email Address:

Intended application area: (check all that apply)

- | | | | |
|--|---|--|---|
| <input checked="" type="checkbox"/> Body (general) | <input type="checkbox"/> Body Cavity (vaginal) | <input checked="" type="checkbox"/> Face | <input checked="" type="checkbox"/> Hands |
| <input type="checkbox"/> Body Cavity (anal) | <input checked="" type="checkbox"/> Elbows or Knees | <input checked="" type="checkbox"/> Feet | <input checked="" type="checkbox"/> Legs |
| <input type="checkbox"/> Body Cavity (oral) | <input type="checkbox"/> Eye Area | <input type="checkbox"/> Hair | <input type="checkbox"/> Lips |
| <input type="checkbox"/> Other (Specify) | | | |

In what form is this product available?

- | | | |
|---|---------------------------------------|---|
| <input checked="" type="radio"/> Cream/Gel/Foam | <input type="radio"/> Powder | <input type="radio"/> Spray - Non-Aerosol |
| <input type="radio"/> Liquid | <input type="radio"/> Spray - Aerosol | <input type="radio"/> Stick or pencil |
| <input type="radio"/> Other (Specify) | | |

Product Categories: (check all that apply)☐ **Baby Products**

- ☐ Baby Shampoos
- ☐ Lotions, Oils, Powders, Creams
- ☐ Other Baby Products (Specify):

☐ **Bath Products**

- ☐ Bath Oils, Tablets, Salts
- ☐ Bubble Bath
- ☐ Bath Capsules
- ☐ Other Bath Product (Specify):

☐ **Fragrances**

- ☐ Cologne
- ☐ Perfumes
- ☐ Sachets

☐ **Oral Hygiene Products**

- ☐ Dentrifices, i.e., aerosol, liquid, pastes, powders
- ☐ Mouthwashes and Breath Fresheners, i.e., liquids, sprays
- ☐ Other Oral Hygiene Product (Specify):

☐ **Personal Care Products**

- ☐ Antiperspirants (making a cosmetic claim)
- ☐ Bath Soaps and Detergents
- ☐ Douches
- ☐ Feminine Deodorants
- ☐ Lubricants, i.e., personal, sexual, massage oil
- ☐ Underarm Deodorants
- ☐ Other Personal Care Product (Specify):

☐ **Shaving Products**

Initial Focus of CSCP (*con't*)

- Instructions & guidelines
 - ✓ Post online when system launches
 - ✓ Companies required to submit chemical information within four months of system launch
 - ✓ Continuous reporting thereafter - with one month due date
 - ✓ Option to report product reformulations or other changes

Initial Focus of CSCP (*con't*)

- Make reported non-confidential information available to the public
 - ✓ Live (coincides with data entry)
 - ✓ Only data not deemed to be trade secret
 - ✓ Subset of all data
 - ✓ Sorted by product type
 - ✓ Captures changes to data
 - ✓ Available for download
 - ✓ Searchable?

Future Activities

- Evaluate reporting compliance and data completeness, including verifying changes in product formulations
- Consider changes in data collection procedures based on evaluation
- Review information collected & assess health implications
- Collaborate with other researchers

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- Barbara Materna, PhD, CIH, OHB Chief
- Rick Kreutzer, MD, MPH, Chief & Raymond Neutra, MD, DrPH, Former Chief, DEODC
- Food and Drug Branch
- Stakeholder Advisory Committee
- Impact Assessment, Inc.

CSCP Contact Information

California Safe Cosmetics Program
Department of Public Health
850 Marina Bay Parkway, Bldg. P, 3rd Floor
Richmond, CA 94804

CSCP Help Line: 877-325-3223

Fax: 510-620-5743

Email: cosmetic@cdph.ca.gov

CSCP Web site:

www.cdph.ca.gov/programs/cosmetics



BỘ Y TẾ TIỂU BANG CALIFORNIA
PHÂN BỘ SỨC KHỎE NGHỀ NGHIỆP
CHƯƠNG TRÌNH MỸ PHẨM AN TOÀN TIỂU BANG CALIFORNIA
Ngày 29 Tháng 1 Năm 2008

**Những hóa chất được biết hoặc bị nghi ngờ gây ra
bệnh ung thư, hoặc những bệnh nhiễm độc cơ quan sinh dục khác**

Đạo luật Mỹ Phẩm An Toàn năm 2005 yêu cầu những nhà sản xuất phải thông báo đến Bộ Y Tế Tiểu Bang California tất cả những sản phẩm có chứa những hóa chất được biết hoặc bị nghi ngờ gây ra bệnh ung thư, bào thai khuyết tật hoặc những bệnh nhiễm độc cơ quan sinh dục khác. Để giúp đỡ các công ty trong việc báo cáo nói trên, Bộ Y Tế đã soạn thảo danh sách các hóa chất này với sự tư vấn của Cơ Quan Lượng Định Những Rủi Ro Về Ảnh Hưởng Môi Trường Đối với Sức Khỏe (Office of Environmental Health Hazard Assessment) Bộ Y Tế đã sử dụng những danh sách và báo cáo có sẵn từ những hội đồng khoa học có thẩm quyền, được trích dẫn trong bộ điều luật về Sức Khỏe và An toàn, Mục 111791.5 (Xem chi tiết ở trang cuối của danh sách này). Xin lưu ý rằng không phải tất cả hóa chất được liệt kê sẽ được tìm thấy trong các sản phẩm mỹ phẩm.

"Tên INCI" (International Nomenclature of Cosmetic Ingredients – Thuật Ngữ Quốc Tế cho thành phần Mỹ phẩm) được dùng cho các hóa chất trên được đăng tải trong Tự Điển Quốc Tế về Thành phần Mỹ Phẩm (Ấn Phẩm lần thứ 11.) Số CAS là Số Đăng ký của hóa chất. Không phải tất cả hóa chất liệt kê đều có số Đăng ký CAS hoặc "tên INCI". "Cơ Sở nhận dạng" (Basis for ID) được trích dẫn từ những tổ chức có thẩm quyền đã liệt kê các hóa chất. Trong trường hợp hóa chất được liệt kê bởi Kiến Nghị 65 (Proposition 65) cũng như từ những tổ chức khoa học có thẩm quyền khác, thì chỉ ghi chú là Kiến nghị 65.

Lưu ý cho Người tiêu dùng: Có một số sản phẩm mỹ phẩm không chứa bất kỳ hóa chất nào như được liệt kê. Cũng xin lưu ý rằng khả năng gây ra ung thư hoặc mối nguy hại đến hệ thống sinh dục từ những sản phẩm, còn tùy vào những yếu tố khác như là số lượng và hình thức nhiễm hóa chất từ sản phẩm. Những hóa chất được liệt kê ở đây là kết quả từ những nghiên cứu trên bản thân các hóa chất đó, không phải từ những sản phẩm mỹ phẩm.

	Tên Hóa Chất	Tên INCI	Số CAS	Loại Độc Tính	Cơ sở Nhận dạng
1	A-alpha-C (2-Amino-9H-pyrido[2,3-b]indole)		26148-68-5	ung thư	Proposition 65
2	Acetaldehyde	Acetaldehyde	75-07-0	ung thư	Proposition 65
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