

# **Personal Care Product Safety The BPO Controversy and Beyond**

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**3.6.25 - Dermatology Innovation Forum**

**Northwestern**

# Relevant COI

Co-founder and Head Dermatologist for Geologie



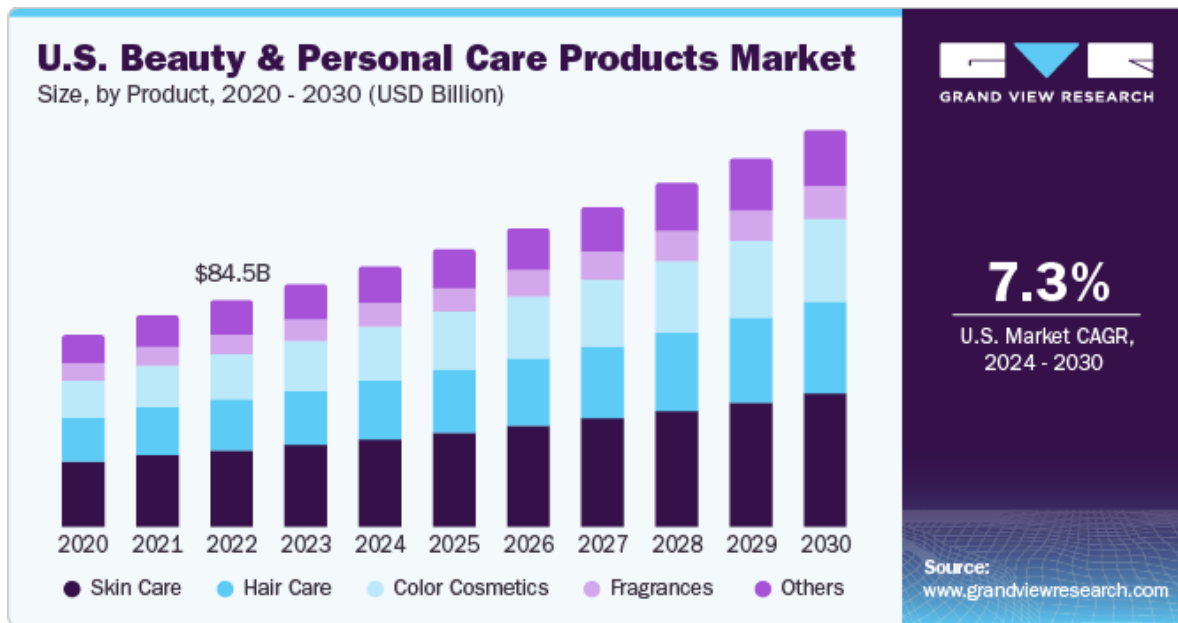
1906 Food and Drug Act



1938, Food, Drug, Cosmetic Act

# What is a Personal Care Product?

Sometimes a cosmetic, sometimes a drug, and sometimes both  
Available without a prescription



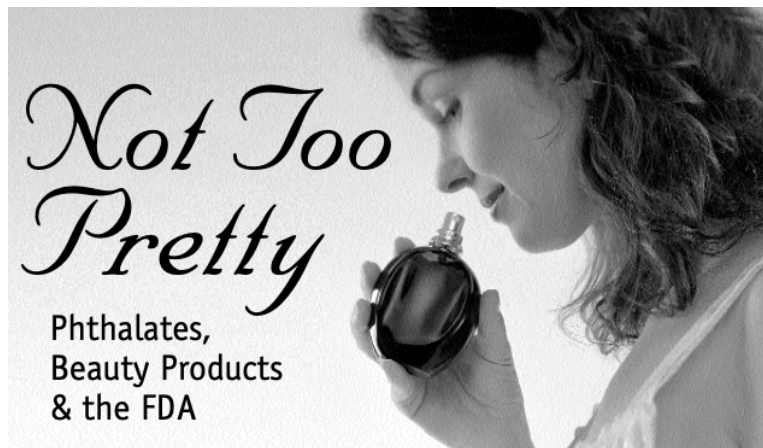
# Recent Personal Care Product Controversies

LAW AND ORDER

## Wen Hair Care Products Lawsuit Moves Forward (UPDATE)

BY ALLURE EDITORS

November 1, 2016



## *The F.D.A. Wanted to Ban Some Hair Straighteners. It Never Happened.*

In 2016, agency scientists deemed hair straighteners containing formaldehyde to be unsafe, according to newly obtained emails.

# Sunscreen Product Performance and Other Determinants of Consumer Preferences

Shuai Xu, MD, MSc<sup>1</sup>; Michael Kwa, BA<sup>1</sup>; Ashwin Agarwal, MD<sup>2</sup>; [et al](#)

**Table 1. Top 10 Most-Reviewed, Highly Rated Sunscreens According to Amazon.com<sup>a</sup>**

No.	Product	Reviews, No.	Rating (1-5)	Price per Ounce, \$	Type <sup>b</sup>	SPF
1	EltaMD UV Clear SPF 46	1792	4.4	13.38	Combination	46
2	Hawaiian Tropic Sunscreen Silk Hydration SPF 30	1078	4.6	1.33	Chemical	30
3	Blue Lizard Australian Sunscreen, Sensitive SPF 30+	812	4.5	3.41	Physical	30
4	SPF 30 daily oil-free face moisturizer	786	4.7	5.98	Chemical	30
5	Neutrogena Age Shield Face Lotion Sunscreen SPF 110	740	4.4	3.73	Chemical	110
6	EltaMD UV Physical SPF 41	715	4.7	6.57	Physical	41
7	Neutrogena Ultra Sheer Dry-Touch Sunscreen, SPF 55	693	4.6	2.26	Chemical	55
8	Neutrogena Sunscreen Ultra Sheer Stick SPF 70	647	4.6	5.91	Chemical	70
9	Neutrogena Oil Free Moisture SPF 35	635	4.5	2.76	Chemical	35
10	Eucerin Daily Protection Moisturizing Face Lotion	631	4.3	1.76	Physical	30



**(CNN)** — Nearly 40% of top-selling sunscreens don't meet the American Academy of Dermatology's criteria, according to [a new study](#).

The research found that popular products from well known brands such as [Neutrogena](#) and [Eucerin](#) fell short of the [academy's sunscreen recommendations](#) due to their lack of water resistance.

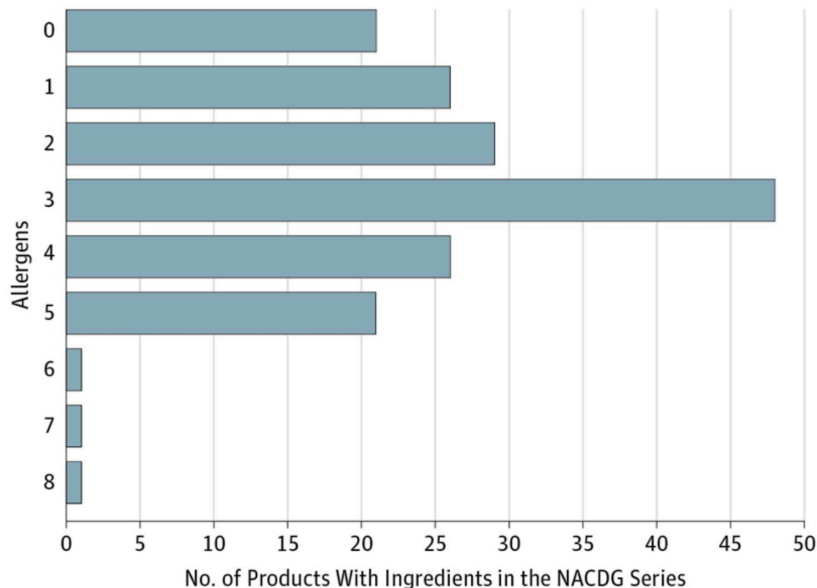
Dermatologists “are often asked to recommend sunscreens, and we wanted to know what consumers prefer,” said lead study author Dr. Steve Xu. “This way, we are suggesting popular products they will actually use that will protect them.”

November 2017

## Consumer Preferences, Product Characteristics, and Potentially Allergenic Ingredients in Best-selling Moisturizers

Shuai Xu, MD, MSc (Lond)<sup>1</sup>; Michael Kwa, BA<sup>2</sup>; Mary E. Lohman, MD<sup>1</sup>; et al

**Figure 1. Distribution of Allergens in the North American Contact Dermatitis Group (NACDG) Series for Best-selling Moisturizer Products**



## Choosing the Best Moisturizer for Your Skin

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Paul Rogers

By **Jane E. Brody**

Oct. 16, 2017

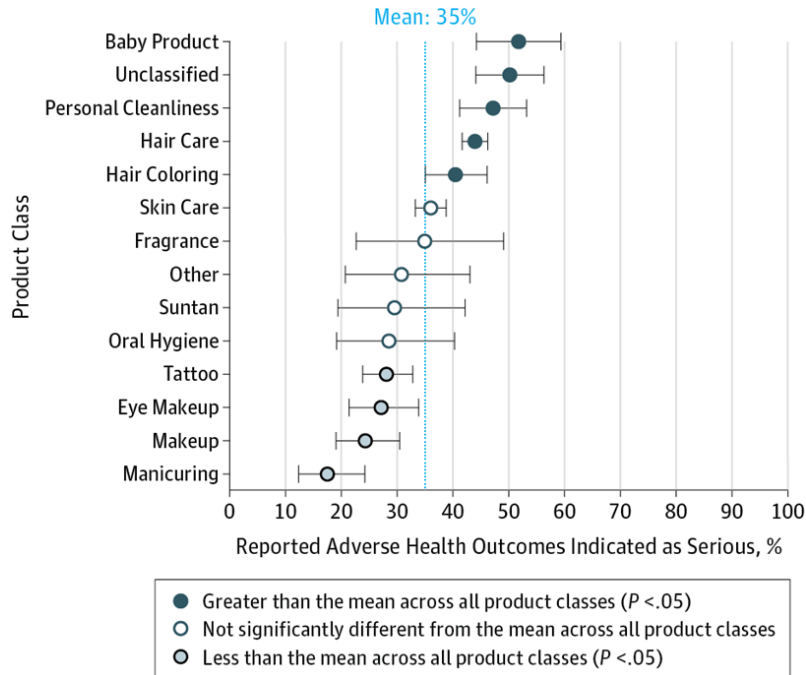
With the cool air of fall upon most of us and winter's cold, dry winds approaching, it's time to get serious about caring for the stratum corneum, the outermost layer of skin, the body's largest organ, which protects the vital tissues within.



August 2017

## Adverse Events Reported to the US Food and Drug Administration for Cosmetics and Personal Care Products

Michael Kwa, BA<sup>1</sup>; Leah J. Welty, PhD<sup>2</sup>; Shuai Xu, MD, MSc<sup>3</sup>



## For Cosmetics, Let the Buyer Beware

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Paul Rogers

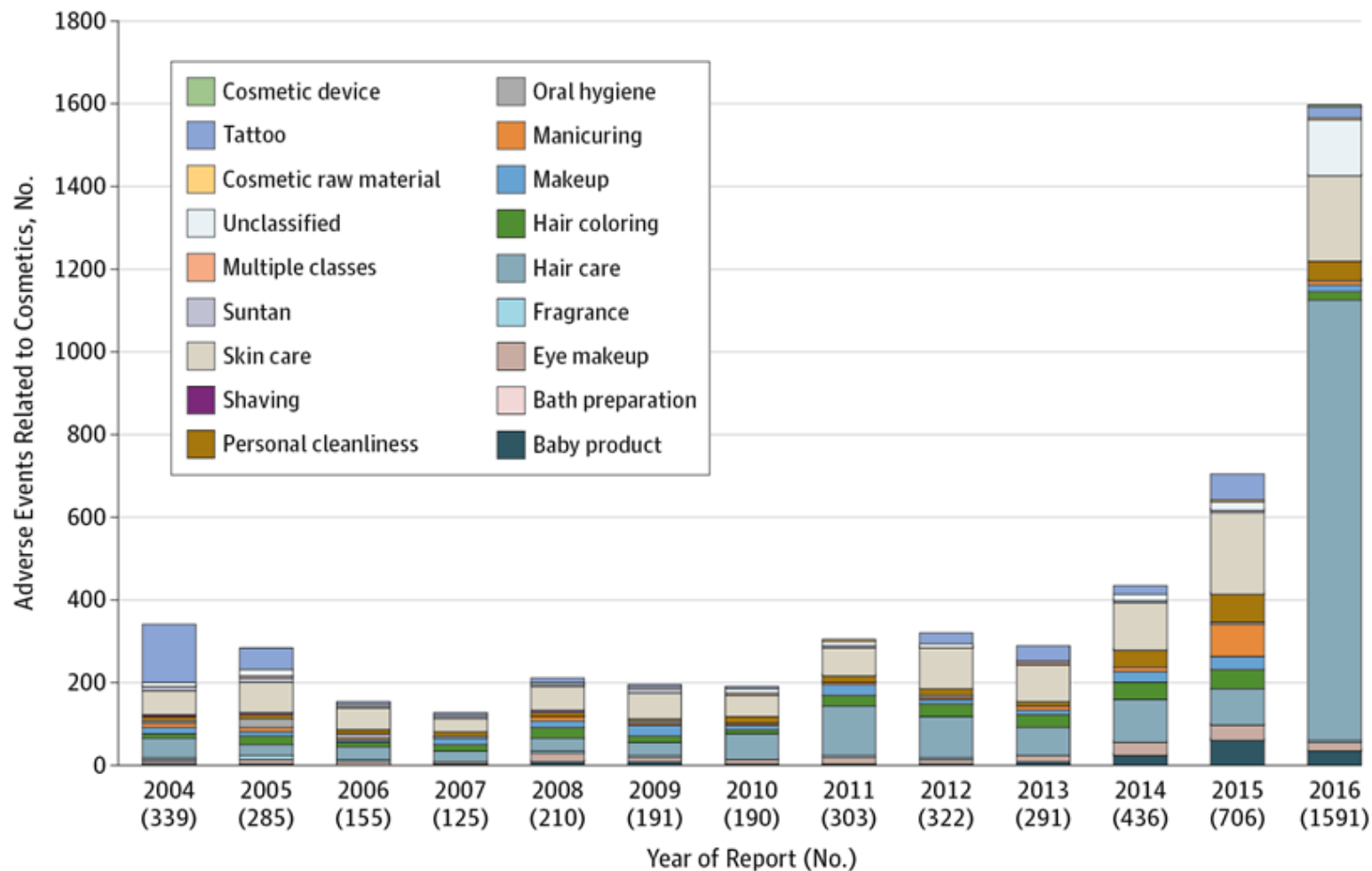
By Jane E. Brody

Aug. 7, 2017

When you wash your hair, clean or moisturize your skin, polish your nails, or put on makeup, deodorant or sunscreen, do you ever think about whether the product you're using may do more harm than good?

Maybe you should. Thanks to a lack of federal regulations, the watchword for consumers of cosmetics and personal care products should be caveat emptor: Let the buyer beware.





August 2017

# **Cosmetics, Regulations, and the Public Health**

## Understanding the Safety of Medical and Other Products

Robert M. Califf, MD<sup>1,2,3,4</sup>; Jonathan McCall, MS<sup>2</sup>; Daniel B. Mark, MD, MPH<sup>1,2</sup>

Few physicians consider cosmetics and related products relevant to their professional lives [...] any substance applied to or in the body can cause harm, given the right circumstances.

# First Update in >80 Years

— JANUARY 05, 2023

## Collins, Feinstein's Personal Care Products Safety Act Signed into Law

Washington, D.C.—U.S. Senators Susan Collins (R-ME) and Dianne Feinstein (D-CA) announced that provisions from their *Personal Care Products Safety Act* were signed into law as part of the fiscal year 2023 government funding bill. Their bipartisan legislation will protect consumer health and strengthen the Food and Drug Administration's authority to ensure the safety of personal care products and their ingredients.

# Why Dermatologists Should Care?

- We use personal care products to manage a wide range of dermatological issues
- Safety concerns will continue in this large growing industry
- Lightly regulated, still
- Our patients will ask us