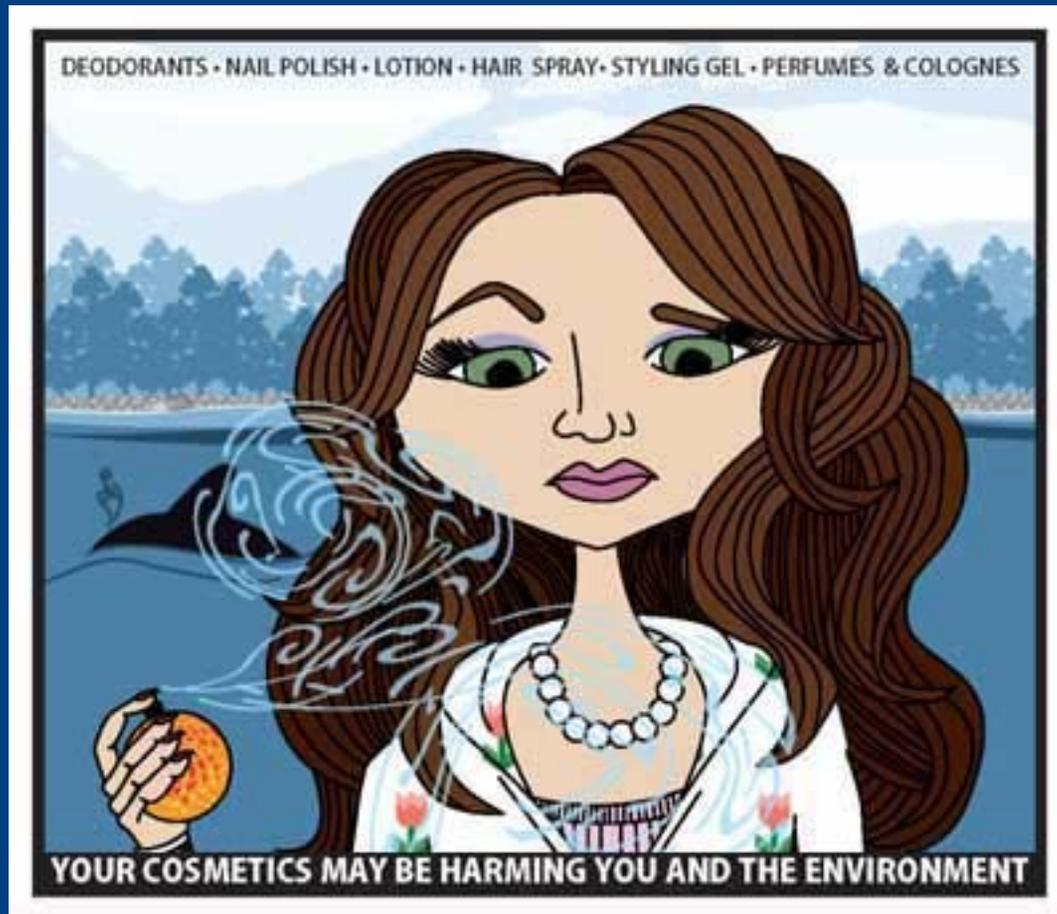


# Cosmetics & Personal Care Products: Getting to Toxic-Free



Margaret Shield, Toxic-Free Legacy Coalition Coordinator

# TOXIC-FREE LEGACY COALITION



Washington  
Physicians for  
Social  
Responsibility

**WASHINGTON  
TOXICS  
COALITION**



**WashPIRG**



and more than 50 other organizations in Washington State  
*working together to eliminate persistent toxic chemicals*

# The Campaign for Safe Cosmetics

[www.SafeCosmetics.org](http://www.SafeCosmetics.org)



COMMONWEAL



# Today's Beauty Aisle: a chemical world

According to industry estimates, on any given day a consumer may use as many as **25 cosmetic products** containing more than **200 different chemical compounds**.



# Untested Chemicals

**89 percent of the ~10,500 ingredients** used in personal care products have **not** been screened for safety by the FDA or anyone else!



# Examples of Chemicals of Concern in Cosmetics / Personal Care Products

- **Carcinogens**
  - Acrylamide
  - Formaldehyde
  - Petroleum distillates
  - Diethanolamine
  - 1,4-dioxane
- **Endocrine disruptors/  
reproductive toxins**
  - Phthalates
  - Parabens
  - Toluene
- **Neurotoxins**
  - Lead acetate
  - Mercury

# Girls & Cosmetics



**Putting on Makeup  
Shouldn't be like  
Playing with Matches**

Which cosmetics  
company do you trust  
with your daughter ?

[www.safecosmetics.org](http://www.safecosmetics.org)

# Cosmetics Are Used By Babies

Rub a Dub Dub...



Who's Minding the Tub?

Kid's products containing carcinogenic contaminant 1,4-dioxane:

- Johnson & Johnson head-to-toe body wash - 5 ppm
- Gerber Grins & Giggles Baby Shampoo - 8 ppm
- Hello Kitty Bubble Bath - 12 ppm

# Concern for Nail Salon Workers

## Seattle Post-Intelligencer

A HERBERT GOLDENBERG  
PUBLICATION

MONDAY, DECEMBER 4, 2016

PHOTO: JEROME BUCHHEIM/REUTERS  
KIMMY & TRISTRAPHY COURTESY I&L

"I'm doing my best to . . . find products that have less fumes and are less hazardous."

- Tim Tran, owner of Couture Nails & Spa

### Nail salons' workers, clients at risk from toxic chemicals



Tim Tran, owner of Couture Nails & Spa in the Central District, makes a point of creating a healthier environment for her workers and clients. The facility is spacious and well-ventilated, aerosol solvents are dispensed quickly and Tran uses close-cure lamps rather than a slow-to-dry bulb.

Insufficient regulation cited in call for improved safety practices

### Deputy killer was part of gang

Gunman had been  
community supervisor

BY MICHELLE GIBSON  
7.2 updated

The man who apparently shot and killed  
County sheriff's deputy Sunday was a member  
of a Seattle gang and was on active supervision  
from Department of Corrections.

Furthoff, 31, was killed by other  
sheriff's deputy James Lee at the back of  
White Center bus last January.

It is the third case in recent months that a  
former sheriff's deputy in the Seattle area has the  
back of a confined felon under active Depart-  
ment of Corrections supervision.

"Obviously the common denominator is  
death of an officer," department spokesman Gu-  
n said. "But it's important to remember that these  
different situations involving very different men."

Furthoff was a member of the Black Guerilla  
Army, a gang that has long been active in

PHOTO BY CHRIS WILSON



# Nail Salon Workers at Risk

- 96% women / 59% people of color
- more than 380,000 workers nationwide
- exposed to acetone, toluene, formaldehyde, phthalates, methylacrylates, toluene sulfonamide formaldehyde (TSF) resin, and other volatile organics
- OSHA exposure standards do not address low-dose, long-term exposure
- some safer products are available - but workers may not be aware of them

# “Glossed Over” report

## GLOSSED OVER

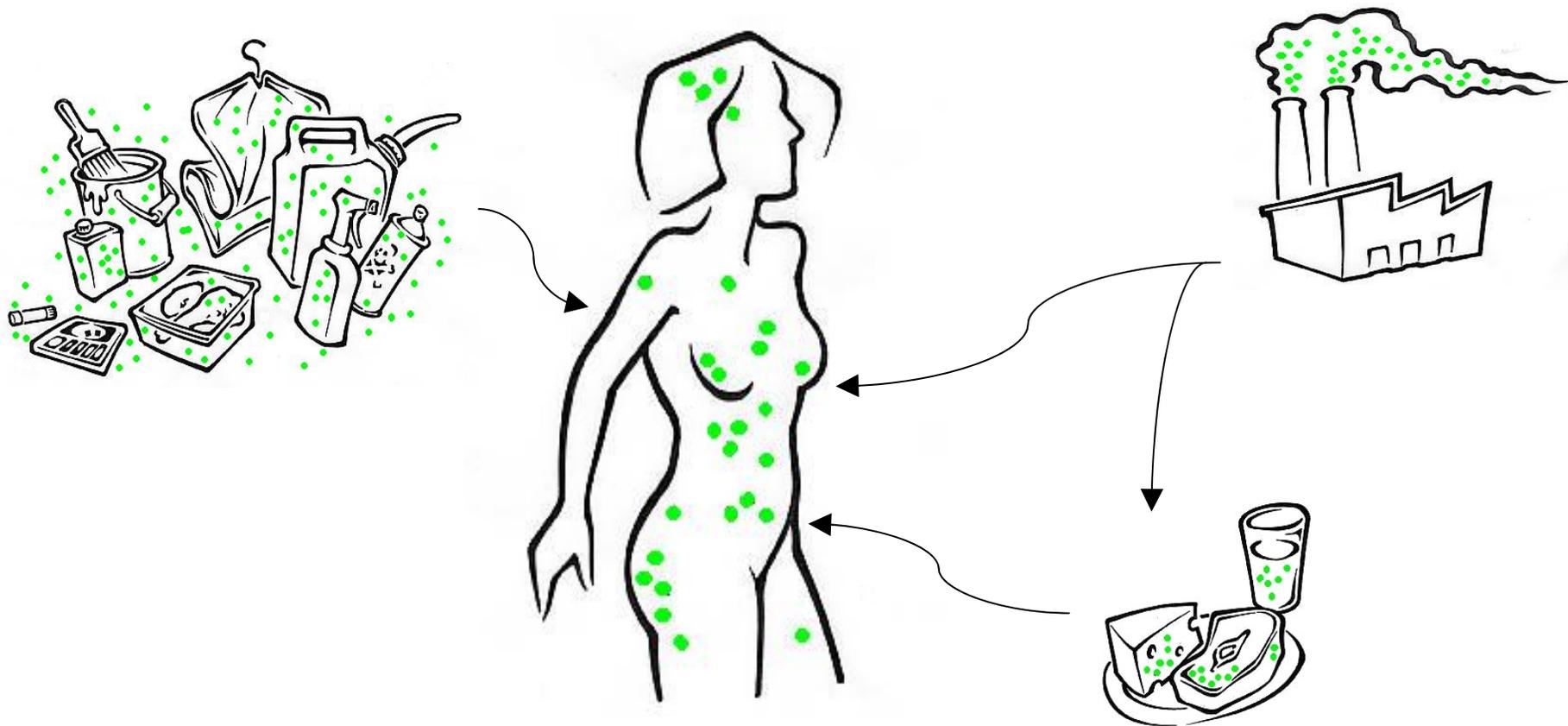


Health Hazards Associated with  
Toxic Exposure in Nail Salons

Women's Voices for the Earth  
Feb. 2007

Online at  
[www.womenandenvironment.org/  
campaignsandprograms/  
SafeCosmetics](http://www.womenandenvironment.org/campaignsandprograms/SafeCosmetics)

# Daily Multiple Exposures to Toxics





But I thought  
the government  
was protecting  
me!!!!

# FDA Regulates Cosmetics - not so much...

Under current law, the Food and Drug Administration:

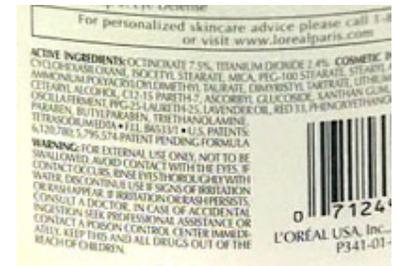
- does not review cosmetic products or ingredients before they are marketed
- cannot compel companies to provide health effects data about ingredients
- cannot recall products

Cosmetics industry monitors itself through the Cosmetics Ingredient Review (CIR) panel



# Cosmetics Label Loopholes

- **“Fragrance, coloring, or flavoring”** - ingredients used for these purposes do not have to be listed.
- **“Trade Secrets”** - industry can ask for trade secret status for an ingredient without any safety testing requirement; label lists **“and other ingredients”**
- **“Hypoallergenic”, “Natural”** and **“Organic”** terms have no legal standards.



# Phthalates ~ the everywhere chemical

pronounced thal-ates



*Potential Health Effects:*

reproductive toxin, asthma, damage to liver or kidneys

# Phthalates - human studies

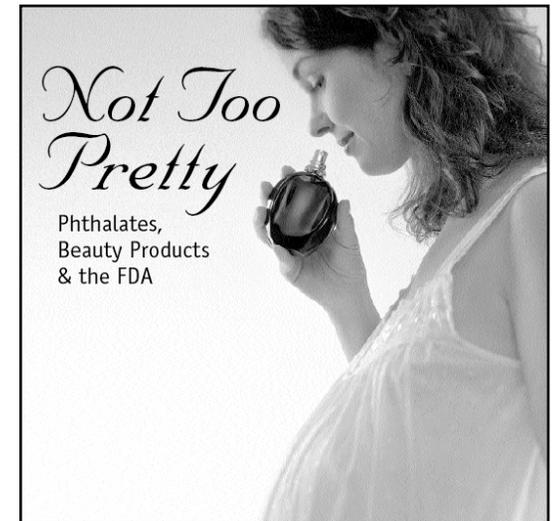
## Impacts on Male Reproductive System Development

- Moms with higher phthalate exposures were more likely to have boys with altered genital development including smaller penises and undescended testes (Swan et al., 2005; Marsee et al., 2006)
- Baby boys exposed to higher levels of phthalates in breastmilk had slightly, but significantly, decreased testosterone levels (Main et al., 2005)



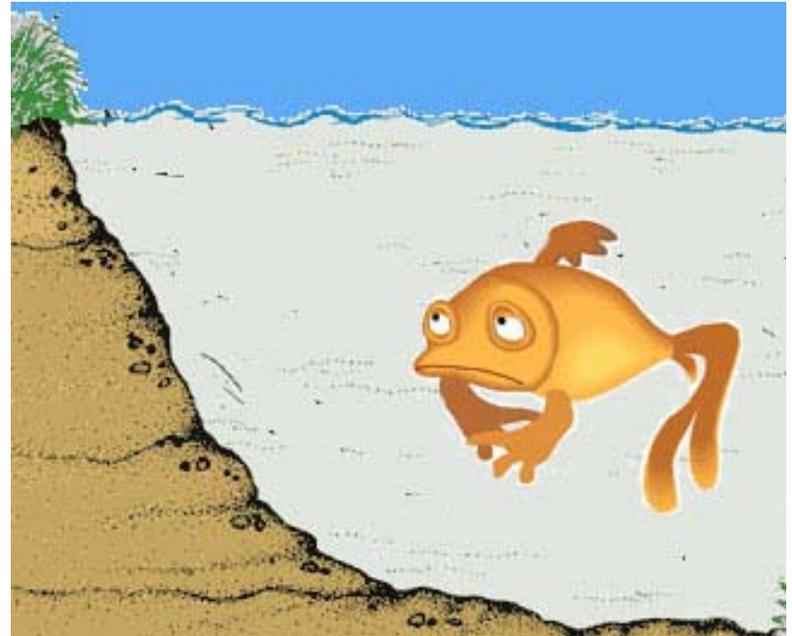
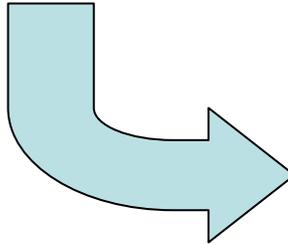
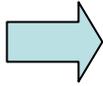
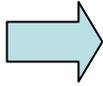
# “Off-label” Phthalates

- Phthalates found in ~ 75% of products - perfumes, deodorants, hair gels, body lotions, etc...
- Phthalate amounts from trace to 3% product weight
- In many fragrances, phthalate concentrations were 10,000-28,000 ppm



[www.ewg.org/reports/nottoopretty/](http://www.ewg.org/reports/nottoopretty/)

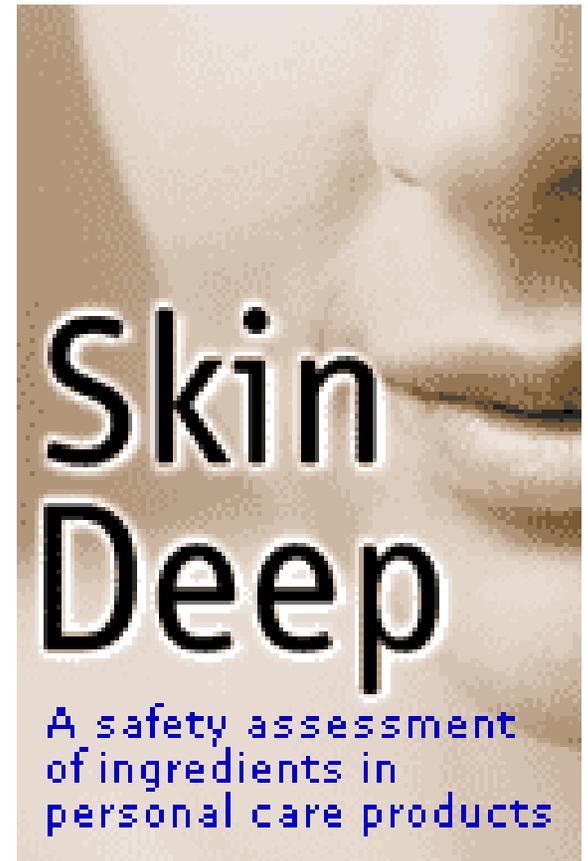
# Cosmetics in Our Environment



# What can you do?

# Skin Deep report & database

- Ingredients in > 15,000 products put into electronic database
- Ingredients cross-linked to 37 toxicity databases
- Database outputs safety reports & “least concern” and “highest concern” lists



[www.cosmeticdatabase.com](http://www.cosmeticdatabase.com)

# Safer Cosmetics Companies

More than 550 companies have signed the  
Compact for Safe Cosmetics  
see [www.safecosmetics.org](http://www.safecosmetics.org).

Aubrey Organics | Burt's Bees | The Body Shop |  
Kiss My Face | Ecco Bella | Jason Natural |

JP Durga | Terra Firma | Spirit of Beauty |  
Fire & Water Sundries | Salty Girls | Solum & Herbe

# Actions you can take...

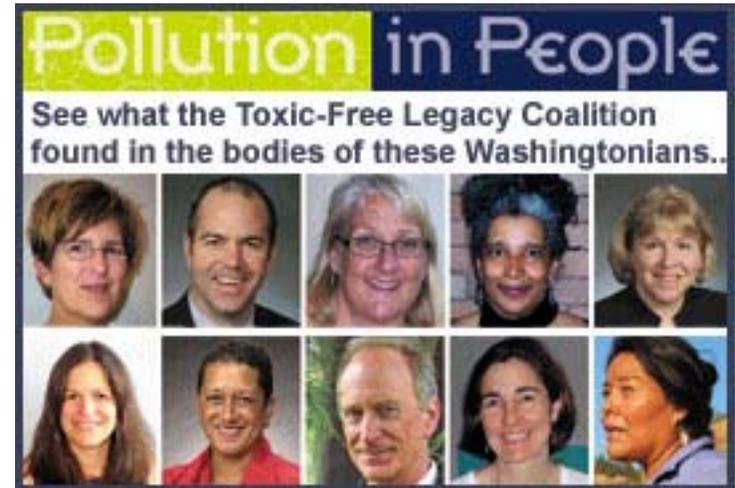
- read labels of your personal care products carefully & use Skin Deep Database to avoid products containing unsafe chemicals
- patronize companies that have signed the Compact for Safe Cosmetics
- call on companies to get the toxics out
- get involved with our Safe Cosmetics Campaign in WA state



[www.toxicfreelegacy.org/safecosmetics/](http://www.toxicfreelegacy.org/safecosmetics/)

Learn more about safer alternatives...

[www.pollutioninpeople.org](http://www.pollutioninpeople.org)



**WASHINGTON**  
**TOXICS**  
**COALITION**

Home Safe Home fact sheets  
[www.watoxics.org](http://www.watoxics.org)

# Safer Children's Products



QuickTime™ and a  
TIFF (Uncompressed) decompressor  
are needed to see this picture.



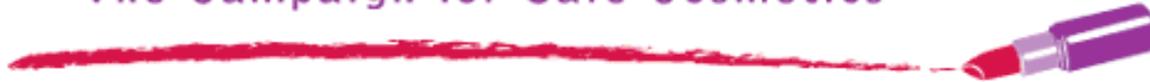
# Shifting Our Chemicals Regulatory System



**“End of pipe” reactions  
to toxic problems**

**“Front of pipe” solutions  
for safer chemicals & products**

# The Campaign for Safe Cosmetics



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