

Detox Minnesota!

•Public Education •Protective Policies •Clean Environment

What's the PROBLEM?

- More than **80,000** industrial chemicals have been marketed and used in consumer products with less than **200** of these chemicals tested by the U.S. Environmental Protection Agency for their effects on human health.
- Many of these chemicals have been linked to numerous cancers, learning and development disorders, and reproductive problems.
- Outdated policies like the Toxic Substance Control Act (TSCA), passed in 1976, have failed to protect the public from toxic chemical exposure.

Exposure

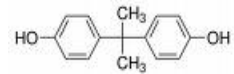
Humans are exposed to these chemicals everyday through almost every avenue of their lives.

- Personal care products such as soaps, shampoos, lotions and cosmetics contain numerous chemicals most of which have gone unregulated by government agencies;
- petroleum based plastics used in food packaging and food storage containers include polycarbonates;
- pesticides and herbicides are used in the production of our food.



Chemical Profile:

Bisphenol-A (BPA)



PURPOSE

BPA is a chemical component of polycarbonate plastics and is used to make plastics strong and durable.

EXPOSURE

BPA is found in children's baby bottles and "sippys" cups, food can linings, dental equipment, and other strong, clear plastic products.

HEALTH EFFECTS

BPA is linked to breast and prostate cancer, reproductive and development disorders, and obesity and diabetes.

SAFE ALTERNATIVES

Water bottles made from stainless steel or aluminum, baby bottles and "sippy" cups made from glass, stainless steel, or plastics labeled #1 or #2, and food packaged in glass.

ACTION

Support federal legislation phasing out BPA!

Bisphenol-A is estimated to be present in 95% of Americans at levels known to cause harm in lab animals

**vom Saal F et al. 2007.*

EMPIRG

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PROTECTIVE POLICIES

- 2007, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) was established in the European Union and is the most comprehensive chemical policy reform to date.
- 2008, United States bans six different types of phthalates.
- 2008, Canada bans Bisphenol-A (BPA) from Baby Bottles.
- 2009, Minnesota bans BPA in Baby Bottles and “sippy” cups.
- 2009, Connecticut bans BPA in several children’s products.
- 2009, Minnesota passes Toxic Free Kids Act aimed at establishing a framework for chemical regulation in children’s products.

What is Green Chemistry?

Green Chemistry is a chemical philosophy that seeks to make products and processes that reduce the production and generation of hazardous materials. Green Chemistry is focused on developing the alternatives to traditional toxicology and the hazardous chemicals that are used in consumer products.

What is NEXT?

United States ban on BPA (Ban Poisonous Additives Act of 2009 HR1523/S593)

- Prohibits the sale of reusable food and beverage containers that contain BPA.
- Prohibits introduction of all other food and beverage containers including canned food, infant formula, and soda and water bottles.

Call your representative and tell them to support strong chemical policy reform that protects the public and the environment!



Protect *YOUR* Health

Use Plastic Wisely...

- Use glass or ceramic in the microwave.
- Store and serve food in plastics labeled #1, 2, 4, or 5 and avoid #3, 6, and 7 PC plastics.
- Use reusable water bottles made of stainless steel or aluminum.

Clean without Chemicals...

- Baking Soda, Vinegar, and Hydrogen Peroxide are safe effective cleaning products.

Use Safe Personal Care Products...

- Purchase products that are supported by the Safe Cosmetics Compact (www.safecosmetics.org)
- Use products that do not have “fragrances” listed in their ingredients.
- Reduce the number of products that you use.

Eat Healthy Foods...

- Drink milk without rBGH.
- Eat low-fat meat and dairy.
- Purchase local, organic food whenever possible.

Use Safe Cookware...

- Avoid non-stick pans that contain PFOA