

10 REASONS WE NEED TOXIC CHEMICAL REFORM

You've probably never heard of these chemicals. We can't even pronounce most of them.
None of our stuff has labels telling us what chemicals are used to make them.

**But these toxic chemicals are everywhere.
Thousands of chemicals on the market are untested for human safety.**

EPA has identified the following chemicals as potentially harmful; a new law would give EPA the authority to evaluate whether they should remain on the market.

TETRABROMOBENZOATE (TBB)



USED IN

Upholstered furniture and electronics made with Firemaster flame retardants

Carried in house dust

LINKED TO

Potential reproductive and developmental toxicity, endocrine disruption

TRIS (1,3-DICHLOROISOPROPYLPHOSPHATE) (TDCPP)



USED IN

Polyurethane foams as a flame retardant – in sofas, chairs, baby strollers, car seats and other products • Construction

Carried in dust, streams, sewage, fat tissue, breast milk

LINKED TO

Liver and kidney cancer

N-METHYL-2-PYRROLIDONE (NMP)



USED IN

Agricultural chemicals • Paint and coating-removal products • Plastic coatings • Cleaning products • Petrochemical processing¹

LINKED TO

Fetal development problems, low birth weight, birth defects

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METHYLENE CHLORIDE/DICHLOROMETHANE (DCM)²



USED IN

Decaffeinated coffee • Paint strippers and removers • Electronics • Spray paints • Automotive products • Insect sprays • Fumigants for grain and strawberries

LINKED TO

Cancer, headaches, dizziness, nausea³; acute occupational exposures have caused deaths⁴

1-BROMOPROPANE



USED IN

Aerosol adhesives • Foam cushions • Asphalt • Dry cleaning • Synthetic fibers • Cleaners for optics, electronics, and metals

LINKED TO

Possible human carcinogen

TETRABROMOBISPHENOL A (TBBPA)



USED IN

Electronics and circuit boards as a flame retardant

Carried in human blood, breast milk, and fat tissue

LINKED TO

Possible carcinogen

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1,4-DIOXANE



USED IN

Many common inks, adhesives, resins, oils, waxes, and dyes⁷ • Can also contaminate deodorants, shampoos, toothpastes and mouthwashes

LINKED TO

Cancer

TRICHLOROETHYLENE (TCE)



USED IN

Dry cleaning • Spray-on protective coatings • Pepper sprays
• Film cleaners • Industrial degreasers

LINKED TO

Cancer, headaches, birth defects

TOLUENE DIISOCYANATES (TDI AND RELATED CHEMICALS)⁸



USED IN

Consumer adhesive products • Polyurethane foam • Sealants for concrete patios and wood floors

Highly volatile, as compounds may migrate out of products

LINKED TO

Skin, eye, lung irritation, impairment of lung function, asthma. Possible human carcinogen

PHTHALATES



USED IN

Cosmetics • Textiles • Food packaging • Paints • Nail polishes • Dental materials • Paper-based materials • Medical supplies • Wood varnishes • PVC pipes • Vinyl tiles • Lacquers

SOME ARE LINKED TO

Reproductive and developmental harm¹⁰, asthma¹¹

More information about the Toxic Substances Control Act:

Hundreds of new industrial chemicals come on the market every year without being tested for safety. That's because our current chemical regulatory system is toothless and ineffective. Chemicals linked to cancer, learning disorders, birth defects, asthma, and other serious health problems are used in everyday products and make their way into our communities, homes, and bodies. It's time to fix our broken chemical law.

The good news is we now have a real chance to fix this problem. Congress has passed two bills that would help protect our kids from toxic chemicals: one in the Senate and one in the House of Representatives. It's imperative that our lawmakers keep this process moving forward by "conferencing" the bills, a standard part of the lawmaking process, so that we can have one bill signed into law.

As parents, we want a chemical law that protects our kids.
Here's what moms want to see in a conferenced toxic chemical bill:

EXPERTS MAKE THE CALL, NOT INDUSTRY

EPA's main focus should be on the chemicals its experts decide are the highest priorities -- not the ones industry wants evaluated. And EPA also needs the authority and dedicated resources to do its job.

WE HAVE THE RIGHT TO KNOW

Companies shouldn't be able to hide the identity of chemicals in health and safety studies.

AMERICAN FAMILIES SHOULDN'T BE GUINEA PIGS

EPA experts must affirm the safety of new chemicals before they are put on the market, instead of allowing them to be sold without safety evaluations. That makes our kids guinea pigs for untested chemicals.

Sources:

- ¹ <http://www.epa.gov/assessing-and-managing-chemicals-under-tsca/fact-sheet-n-methylpyrrolidone-nmp>
- ² <http://www3.epa.gov/airtoxics/hlthef/methylen.html>
- ³ http://www.epa.gov/sites/production/files/2015-09/documents/dcm_opptworkplanra_final.pdf
- ⁴ <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6107a2.htm>
- ⁵ http://blogs.nicholas.duke.edu/thegreengrok/tdcpp_post/
- ⁶ <http://oehha.ca.gov/multimedia/biomon/pdf/120408flamedoc.pdf>
- ⁷ <http://www3.epa.gov/airtoxics/hlthef/dioxane.html>
- ⁸ EPA 2015, "Significant New Use Rules: Toluene Diisocyanates and Related Compounds,"
- ⁹ <http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2011-0976-0001>.
- ¹⁰ http://www.epa.gov/sites/production/files/2015-09/documents/phthalates_actionplan_revised_2012-03-14.pdf
- ¹¹ <http://www.nap.edu/catalog/12528/phthalates-and-cumulative-risk-assessment-the-task-ahead>