

This is the weekly bulletin of the TURI Library at the University of Massachusetts Lowell. Greenlist Bulletin provides previews of recent publications and websites relevant to reducing the use of toxic chemicals by industries, businesses, communities, individuals and government. You are welcome to send a message to [mary@turi.org](mailto:mary@turi.org) if you would like more information on any of the articles listed here, or if this email is not displaying properly.

## Portal on Per- and Polyfluorinated Chemicals

[Source: Organization for Economic Co-operation and Development, May 4, 2018](#)

The OECD releases a *New Comprehensive Global Database of Per- and Polyfluoroalkyl Substances (PFASs)* listing 4,730 new PFAS, including several new groups of PFASs that fulfil the common definition of PFASs (i.e. they contain at least one perfluoroalkyl moiety) but have not yet been commonly regarded as PFASs.

The list can be used in conjunction with the methodology report summarising the major findings with respect to the total numbers and types of PFASs identified, the limitations, gaps and challenges identified, and opportunities for improving the future understanding of PFASs production, use on the global market, and presence in the environment, biota, and other matrices.

[Read more...](#)

Access OECD report, "[Toward a New Comprehensive Global Database of Per- and Polyfluoroalkyl Substances \(PFASs\): Summary Report on Updating the OECD 2007 List of Per- and Polyfluoroalkyl Substances \(PFASs\)](#)".

See from *Chemical & Engineering News*, "[Release of U.S. study on health effects of perfluorinated compounds sought](#)".

See from Environmental Working Group, "[Report: Up To 110 Million Americans Could Have PFAS-Contaminated Drinking Water](#)".

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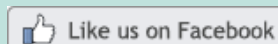
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## Upcoming webinar: Safer Solutions for Methylene Chloride

**Tuesday, June 5, 2018  
12:00pm-1:00pm**

TURI has been working with the U.S. EPA, the University of Massachusetts Lowell, paint stripper product manufacturers, and furniture refinishers to identify and evaluate solvent blends with equal or better paint stripping performance, comparable ingredient costs, and a safer environmental, health, and safety profile as compared to methylene chloride. This webinar will describe why methylene chloride is a higher hazard substance as designated by TURA and findings from the research into safer formulations.

See from the U.S. EPA, "[PFAS Community Engagement](#)" and information on their recent [National Leadership Summit on PFAS](#).

## California Takes Three New Steps Under Its Green Chemistry Initiative

Source: [JD Supra, May 18, 2018](#)

Authors: Peter Hsiao and William Tarantino

California has taken three more important steps to implement its Green Chemistry Initiative. Also known as the Safer Consumer Products (SCP) Program, the state seeks to supplement federal regulations to regulate and encourage replacement of toxic chemicals in consumer products.

### I. New Priority Product -- Spray Polyurethane Foam (SPF) Systems

California's Department of Toxic Substances Control (DTSC), the lead agency for the regulations, adopted new regulations for its second priority product, spray polyurethane foam (SPF) systems containing unreacted methylene diphenyl diisocyanates. This product-chemical combination includes: (1) high-pressure SPF systems and (2) low-pressure SPF systems.

[Read more...](#)

## Rise in CFC emissions threatens ozone recovery

Source: [Chemical & Engineering News, May 16, 2018](#)

Author: Mark Peplow

In a feat of atmospheric detective work, researchers have uncovered evidence that thousands of metric tons of an ozone-destroying chemical are still being released into the air every year, despite a global ban on production.

Their investigation traced trichlorofluoromethane (a chlorofluorocarbon, CFC-11) back to east Asia, and concluded that it was probably emitted by new, unreported production facilities. "If it continues at this rate, it will delay ozone recovery by about a decade," says Stephen A. Montzka of the National Oceanic and Atmospheric Administration, who led the research.

[Read more...](#)

See original study in *Nature*, "[An unexpected and persistent increase in global emissions of ozone-depleting CFC-11](#)".

## Widely used PVC plastic chemical spurs obesity, prediabetes: Study

Source: [Environmental Health News, May 22, 2018](#)

Author: Brian Bienkowski

Mice exposed in the womb to a chemical used in PVC plastic, door and window frames, blinds, water pipes, and medical devices were more likely to suffer from prediabetes and obesity, according to a study released this week.

The chemical also increased fat accumulation in human stem cells.

The research suggests that the widely used chemical -- organotin dibutyltin (DBT) -- could be spurring obesity and diabetes and scientists say we should monitor people's exposure since we know so little about the compound.

[Read more...](#)

See original study in *Environmental Health Perspectives*, "[Effects of Perinatal Exposure to Dibutyltin Chloride on Fat and Glucose Metabolism in Mice, and Molecular Mechanisms, \*in Vitro\*](#)".

## **BPA being replaced by BPS in thermal paper, ECHA survey finds**

Source: [European Chemicals Agency, May 22, 2018](#)

Results of a market survey conducted by ECHA show the volume of bisphenol S (BPS) used as developer in thermal paper manufactured in the EU doubled between 2016 and 2017. ...

EU paper manufacturers have started to substitute BPA with BPS, according to a survey conducted by ECHA for the European Commission.

The amount of BPS used as developer in thermal paper on the EU market almost doubled between 2016 and 2017. Reflecting the overall increase in the use of thermal paper in the EU in 2017, BPA use also increased in the same time period.

[Read more...](#)

Also see from *The National Law Review*, "[Top International News in Chemical Policy and Regulation: May 2018: Americas, Asia and Middle East](#)", and "[ECHA Interviews KEMI Regarding Nano Reporting Requirement](#)".

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