

Hello, my name is Glenn Evers.

I would like to briefly introduce myself, introduce you to the largest transportable source of PFAs, replace the bamboozling nomenclature of PFAS with three simple criteria and request your help to stop PFAs contamination.

I am a B.S. chemical engineer, 22 years as a DuPont Engineer Associate having excelled beyond where most PhD scientist retire as Sr. Scientist. From 2004 to 2019, I worked as a coatings consultant for some of the largest pigment, paint and resin manufacturers in the world. Out of my 8 issued patents, I hold two patents that incorporate DuPont fluorochemicals.

My parallel career as an internal whistle blower started with the discovery that a common DuPont, paper fluorochemical (Zonyl® RP) used to grease proof popcorn bags, paper plates, dog food bags, cookie bags, baking paper and fast food packaging was leaching into your food at 3 times higher than was ever reported to FDA. Today Fluorochemical permeate your blood through eating and breathing it from some surprisingly common sources. Even today we find evidence of fluorochemicals permeating the environment through:

Automobile Products:

- Windshield cleaner/deicers, car waxes, oil additives and at one time, fabric stain protectors.

Fabric treatments:

- Clothing and carpets

Food packaging:

- Fluorochemical manufacturers have lured paper producers back to fluorochemicals using tricks with C2 chemicals chain linked with oxygen atoms back to C8 and have even grafted them on starches.

Paints:

- New California aqueous based, Low VOC paints got rid of solvents but turned to fluorosurfactants to wet out the old oil based paint surfaces. These fluoro surfactants leach out of paint and are even inadvertently reclaimed in water and pumped into virgin aquifers.

Drinking and Waste Water

Water contamination is pervasive, contaminating cattle who used to drink from pristine water are now contaminated by abandoned paper mill biosolids landfills. We have a \$1 Billion clean up problem at our military facilities.

What is the PFAs water threshold specification?

PFAs concentrations in water need to be less than **13 nanograms/Liter**. That is equivalent to 7 grains of sugar added to an Olympic sized pool.

Used activated carbon and ion exchange resins are very good at stripping out PFAS but only the targeted PFAS'. The **activated carbon and ion exchange resins used to strip out PFAS needs to be "once through"** use only and then directed into to a secure landfill or incinerated in a military grade nerve gas destruction facility.

Would the Congressional oversight/ environmental committee like to know where the most pervasive location of PFAs are hidden? Where it can unknowingly be transmitted... to pollute the world-wide blood supply.

Could I see a show of raised voting hands? YES! Thank you, that vote transcends political lines!

Actually, by the show of your hands you have revealed the hidden source!!

The only way to quickly get rid of fluorochemicals in the blood is to give blood and stop consuming it.

The public's world-wide recognition of PFAS toxicity was brought about by a wonderful US law requiring TRANSPARENCY, the Federal Law is TSCA 8E. TSCA 8E required immediate reporting for a significant environmental effect and did not require proof of cause, just simply report the effect.

MAY 15, 1998 revealed to the world that fluorochemicals go transplacental, it instantly killed baby rats.

(ref: Reich, C., "Re: TSCA Section 8(e) -- Perfluorooctane Sulfonate -- Docket Numbers 8EHQ-1180-373; 8EHQ-1180-374; 8EHQ-0381-0394," 3M letter to Office of Toxic Substances, United States Environmental Protection Agency, May 15, 1998.)

By Dec 1998, 3M had developed a Science Publication strategy that strategically released selected research articles that coincided with alarming data that showed the public's Blood Pollution (BP) had reached epidemic proportions.

(Ref: 3M memo: "Publication of scientific and technical information on the FC issue should follow a strategic plan so that key findings can be understood in the context of the published scientific literature. Under this strategy, the science needed to evaluate the safety of PFOS (i.e. the available occupational and toxicology studies) will be published -- or in press -- and thus available to be cited when the publication on serum levels in the general population is published. This will allow the serum level findings to be placed in an understandable, credible context which demonstrates that there is nonmedical or scientific basis to attribute any adverse health effects to 3M products. In this strategy, the analytical methodology will be published concurrently with the serum level findings.")

Overnight, 3M did the right thing, they got out of the business.

THE P&I, Profit and Inconvenience equation was too daunting. The Profit was going to be very poor and in light of the massive lawsuits the Inconvenience factor now required action, customers were panicking and hoarding 3M FC807 supply, 3M withdrew from a \$150 million market within the year, leaving the fluorochemical void to be filled by competitors.

In contrast, the hidden truths of fluorochemical toxicity were NOT disclosed by DuPont because by that time paper customers were inquiring as to where they could get replacement product for treating food packaging products. DuPont continued to market non-compliant paper fluorochemicals and supplied intermediates to Ciba Geigy's Lodyne to fill the profit void.

The PUBLIC ISSUE is not based on how the public feels about science, it solely rests on **BLOOD POLLUTION** and perceived health risk. None of the fluorochemical companies can deny it!

Banned PFAS and other fluorochemicals are easy to identify by three criteria

- 1) It contains fluorine: **F⁻**
- 2) It is **surface active**
- 3) And the fluorochemical polymer has been tricked into being **water based**.

Ban them now!

Thank You for your time on this important subject.