Staying Ahead of 2025 PFAS Risks

deadlines, parts obsolescence, redesigns, and disruption risks.

Insights from 2 million+ PFAS declarations to address reporting

like a relay-style obstacle course with your suppliers than the 400-meter dash. Without the right teammates, you're not going to make it to the finish line. Assent has collected more than 2 million PFAS declarations

PFAS management is a race against the clock . . . but it's more

to measure the impact of PFAS in global supply chains and learn what makes an effective PFAS reporting program. We work with manufacturers across global supply chains to share data, promote transparency, and support their product compliance efforts. Here's what the data reveals.1





By now you should have a PFAS program actively collecting supplier data. There are fewer than 150 days before the first of several major PFAS

Manufacturers are past the point of no return.

deadlines come into effect, and it seems like deadlines can shift without much notice. If you're still idling at the starting line, it's no longer realistic to hit your regulatory deadlines without some serious help.

The coming year is riddled with obstacles and hurdles. You need expert guidance to sidestep the risks standing in your way.

Prepare for PFAS Risks





Steep Non-Compliance Fines

Data Quality Challenges

quality and accuracy of their organization's supply chain data.²

Only 31% of manufacturers said they are highly confident in the

> Approximately 22,000 3M products are being reformulated

3M Phasing Out PFAS by 2025

75% of declarations with PFAS are for substances in products on the 3M discontinuation list.

or discontinued in the coming months.3



respect to certain per- and polyfluoroalkyl substances (PFAS). Canada Gazette, Part I, Volume 158, Number 30: SUPPLEMENT. https://canadagazette.gc.ca/rp-pr/ p1/2024/2024-07-27/html/sup-eng.html



Canadian fines: Up to \$500,000 CAD for large corporations and up to \$25,000 CAD for individuals.4

> More than 90,000 parts are confirmed to contain PFAS. Expect a scramble for PFAS-free part alternatives,

Supply Chain Disruptions

including potential price hikes and scarcity.

seals can jeopardize machinery operation and maintenance. **Legal Liability**

61% of manufacturers

surveyed said legal

consequences were

Disrupted access to

components like gaskets or



6,400+

PFAS-related lawsuits

P&C insurance 2021 net revenue (U.S. only)

■ PFAS annual societal cost

2 PFAS

added as hazardous

substances under the

U.S. Superfund in 2024.

PFAS Costs Are Unsustainable/Risky Business⁸ Annual total societal cost of PFAS

~\$16 trillion USD

~\$4 billion USD

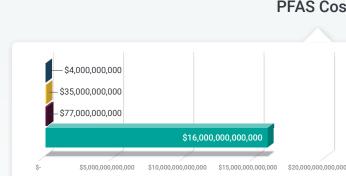
PFAS settlements exceeded \$10 billion

USD in 2023.⁷

(clean-up, health impacts):

Annual PFAS-based revenue

from the chemical industry:



■ Global annual PFAS revenue

■ Chemical industry revenue

webinar/spotlight-on-risk-defend-against-pfas-liabilities

The total cost of PFAS is $400\mathrm{X}$ the revenue of PFAS manufacturing, and that means manufacturers outside the chemical industry using PFAS will have to help cover the costs of remediation and lawsuits. PFAS costs far outweigh the reward, and this will drive parts obsolescence as manufacturers exit this risky business following 3M's lead.

Annual revenue for the insurance industry from chemical-related policies: ~\$35 billion USD

Faster, Better PFAS Management: Best Practices Backed by Data

Wallender, A. (2022, May 23), Companies Face Billions in Damages as PFAS Lawsuits Flood Courts, Bloomberg https://news.bloomberglaw.com/pfas-project/companies-face-billions-in-damages-as-pfas-lawsuits-flood-court 3M. (2024, April 1). 3M Settlement with Public Water Suppliers to Address PFAS in Drinking Water Receives Final

ChemSec. (2023, May 25). The top 12 PFAS producers in the world and the staggering societal costs of PFAS pollution. https://chemsec.org/reports/the-top-12-pfas-producers-in-the-world-and-the-staggering-societa-

Here's what you need to know, based on tips from Assent's experts and insights from our extensive PFAS database.

3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl

Wire and cable insulation, pipe linings, filtration screening, mist separators

exceedances included one or more of these substances, and many parts contain more than one PFAS. If you're using any of these, you're at risk.



The Top Six PFAS

Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate (PFBS salt)

Polytetrafluoroethylene (PTFE)

Valves, o-rings, insulated wiring, tubing

methacrylate Surface coatings, paints, textile treatments, adhesives

Corrosion-resistant paints and coatings, and metal processing

Industrial surfactant used in the manufacture of fluoropolymers Assume You Use PFAS

 $^{\prime}$ % of participating manufacturers have already identified

one or more PFAS in their parts. It's extremely likely you have

Procurement

Share PFAS

Eliminate data

silos between

cross-functional

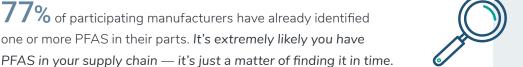
decision-making.

departments to enable

declarations so they



Perfluoroethylene propylene copolymer



Product Design

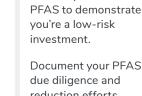
time as possible to

avoid market access

products.

disruption.





EPA List

Investors

Document your PFAS due diligence and reduction efforts.

2.7% Real-World PFAS

They need time can identify PFASto prepare too. free alternatives or last-time buys. **Educate suppliers**

Build the Right Team

Suppliers

Reach out to your

on PFAS and give

declarations.

them a secure portal

where they can submit

suppliers ASAP.

Let Technology Do the Heavy Lifting There's too much data to collect manually, and locating it can be like finding a

Find the Right Coach

needle in a haystack. The EPA PFAS list covers 17,000+ substances, but only ~419 unique PFAS have been declared. Assent automates supplier outreach to speed up due diligence and zero in on the PFAS you're actually using.

PFAS reporting is too complicated to navigate without expert guidance.

state bans.

Compliance

Needs accurate, timely

PFAS data to complete

and compile reports.

Regulatory monitoring support for PFAS require-

ments under REACH, EU

POPs, TSCA, and U.S.

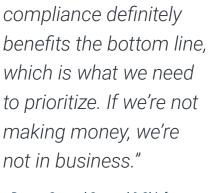
threshold determinations

Assent is the trusted expert in PFAS risk management.

Assent is recognized by Verdantix as a leader in product compliance in their Smart Innovators: Product and Chemical Compliance Solutions report. We received the top scores in PFAS and Product Data Aggregation, Cleansing & Tagging categories among 19 other vendors.9

report on PFAS in less time and with less effort Verdantix. (2023, November). Smart Innovators: Product and Chemical Compliance Solutions. https://www.assent. com/resources/study/verdantix-assent-leading-product-compliance-pfas-solution-provider

250+ manufacturers trust Assent's PFAS solution to help them



Our culture of proactive

not in business." -Deputy General Counsel & Chief **Compliance Officer at Ryerson**

Make the Impossible Possible With Assent

It's do or die time. On its own, your organization likely isn't ready to tackle this challenge. But Assent is ready, and we're here to help you and your suppliers reach the finish line. Assent delivers world-class regulatory expertise and an advanced supply chain sustainability platform to improve your PFAS program's efficiency. Put our expertise, experience, and data to work for your team.

Schedule your solution demo today **↗**