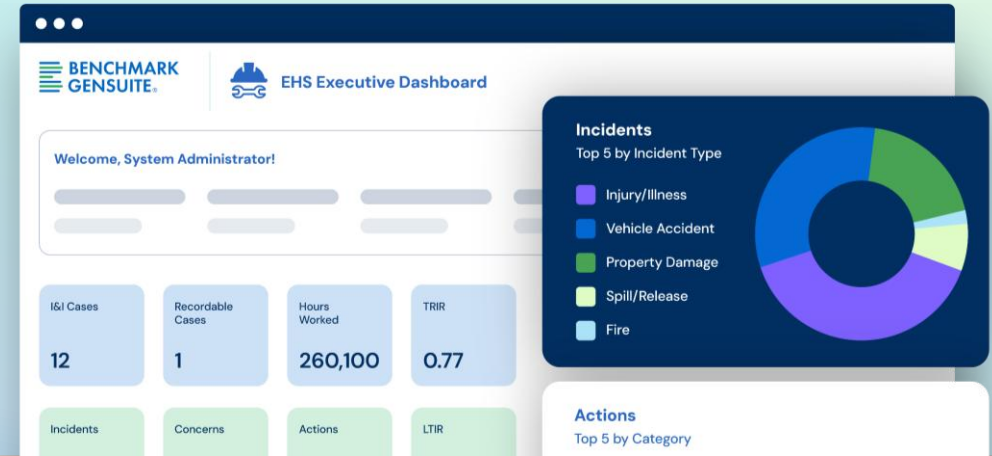


*Best-Practice Digital Solutions for
Enterprise EHS, Sustainability, Quality,
Risk and Disclosure.*



Introducing New EcoPulse AI-powered PFAS Risk Intelligence Inside Chem Agent

15 July 2026



Your Mission, Our Purpose.

Agenda

- Benchmark Gensuite Chemical Management
- EcoPulse Solution Overview
- Chem Agent Walkthrough + Integration Opportunities
- Q&A

Shelby Ackley,
Director, Benchmark Gensuite



Jenny Yu,
Founder and CEO, EcoPulse



Joey Burke,
VP of Marketing, EcoPulse





Core EHS &
Environmental
Sustainability



Compliance &
Enterprise Risk



Operational
Safety



Frontline
Operations



Environmental
Management



Sustainability
& Disclosure
Reporting



Product
Stewardship
& Supplier Risk



Quality



Genny AI
Suite



Business
Intelligence &
Reporting

Unified, Organically Developed &
Intuitively Integrated Solutions.

Two Decades of Enterprise
Partnership & Collaborative
Innovation.

Powered by an AI-Native
Platform Layer.

Real Impact Across 35+
Operating Sectors.

- Manufacturing
- Consumer Goods
- Chemicals
- Food & Beverage
- Oil & Gas
- Aerospace & Aviation
- Energy & Renewables
- Automotive
- Mining & Metals
- Pharma & Healthcare

485+
Subscribing Companies

210K+
Operating Sites

1M+
Active Users

8M+
Workers Served

150+
Countries

Rethinking Chemical Management

Across workplace safety, environmental impact, and global sustainability



Workplace

- Protect People
- Reduce Exposure
- Enable Safe Handling



Environment

- Prevent Releases
- Manage Hazardous Substances
- Protect Air, Water, Soil



Sustainability

- Meet Global Regulations
- Enable ESG Reporting
- Address Societal Impact

Managing this complexity has historically been difficult

One Connected Platform, End to End

Built on a trusted, 200,000+ document SDS foundation and connected across EHS, Product Stewardship, and Operations — with Genny AI embedded throughout.

● SDS System

Centralized, GHS-compliant SDS library with mobile, QR-enabled retrieval in English and non-English languages

● Chem Management Agent

AI-orchestrated workflows — SDS intake, hazard extraction, risk analysis, and approvals, powered by Genny AI

● Label Generation

GHS, NFPA, and HMIS-compliant container and shipping labels, integrated with Avery® templates

● Dangerous Goods Shipper

Product-specific packaging and shipping guidance; log and track dangerous goods shipments by site

● TSCA Reporting Suite

12b export notifications, 8c allegation reporting, and IUR periodic data reporting to the US EPA

● Approvals & Inventory

Configurable chemical approval workflows with full lifecycle inventory tracking, procurement through disposal

CONNECTED ACROSS THE ENTERPRISE

Integrates with Airlog, Waste Tracker, Safety Risk Assessment, Process Hazard Analysis, Industrial Hygiene, and Product Compliance

Genny AI Operational: Let's look a layer deeper

Assisting You to Drive Impact



Supporting Everyday Work

- Describe-It AI
- Writing Help AI
- Report Brief AI
- Image Analyzer AI
- Document Summarizer AI
- Data Mining AI
- Data Summarizer AI
- My To-Do List AI

...And More!

30+ Apps

75+ AI Abilities

Streamlining Specialized Work

- Checklist Builder AI
- 5-Why AI
- Fishbone AI
- Invoice Reader AI
- Reg Assistant AI
- Bowtie AI
- LOTO Import AI
- SRA Import AI
- Extract SDS AI
- CAPA AI
- Task Plan AI
- PSI AI
- Risk AI
- Video Analysis AI

...And More!

20 Apps

30 AI Abilities

3 Domain AI Models

5+ Embedded AI Models

Enabling Expert Work

- Permit Agent
- Chem Agent
- Disclosure Agent

...More In-Dev!



3motionAI



... And More Tech Partners!

Engineered for purpose, Secure, DPA-protected, Validated

Meet our Partners at EcoPulse

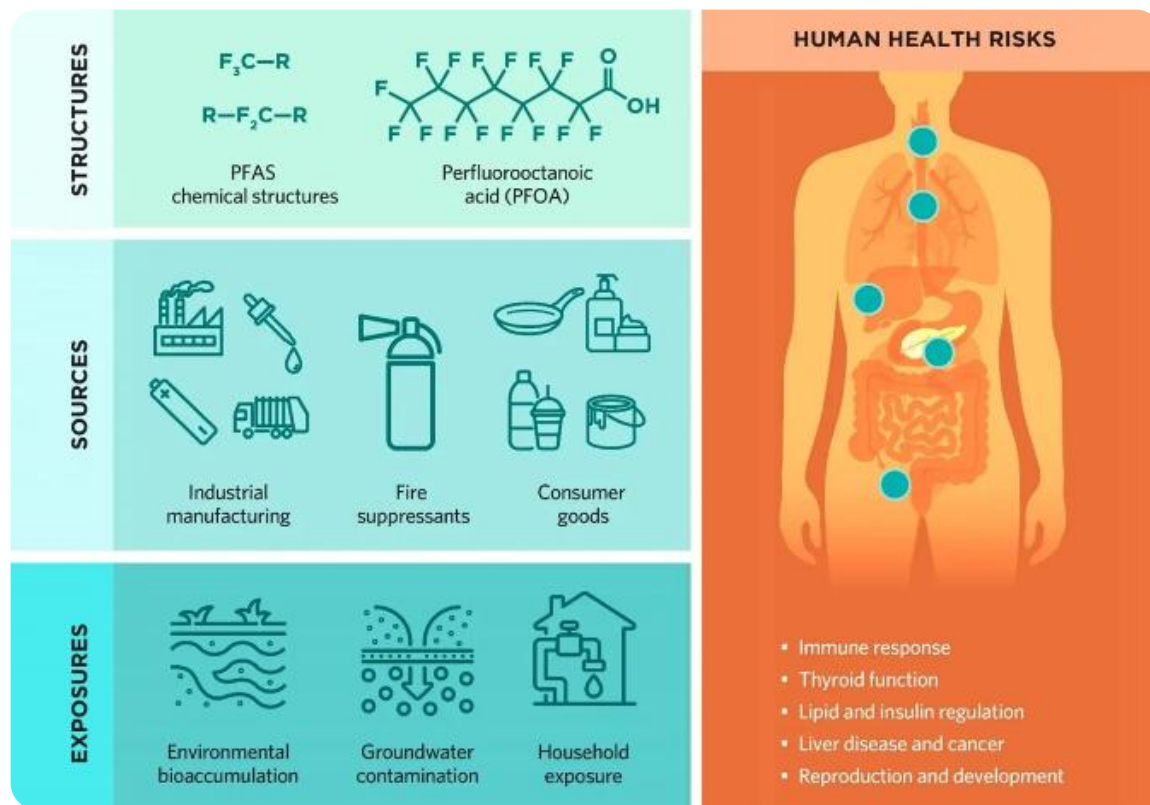


Jenny Yu
Founder and CEO of EcoPulse



Joelle Burke
VP of Marketing, EcoPulse

PFAS Chemicals – The Harm is Real



PFAS (per- and polyfluoroalkyl substances) are 10,000+ synthetic organic chemicals that are used in many products and industrial processes.

Serious harm can be caused by PFAS chemicals to human body !



Americans with PFAS in their blood

98%

Americans exposed through drinking water

158M

Global Restrictions

- EU Reach “All PFAS” Proposal
- PFAS Reporting and Restriction in Canada & Australia

U.S. Data Reporting Requirements

- TSCA 8 (a) (7) Reporting Rule
- The TRI Annual Reporting Requirement

U.S. State-Level Increasing Measures

- 30 states have enacted PFAS regulations
- State-level reporting and product restrictions



3M pays \$10.3bn to settle water pollution suit over 'forever chemicals'

Settlement will provide funds to US municipalities over 13 years to test for and treat PFAS contamination in public water systems



Local News ▾ • Live ▾ Shows ▾ ...

CBS NEWS

Local News

PFAS settlement has DuPont, Chemours and Corteva paying New Jersey \$2 billion over "forever chemicals"

August 5, 2025 / 7:26 AM EDT / CBS/AP



02 APR Farmers File Suit Over PFAS Contamination

Categorized [Biotechnology](#), [Brigit Rollins](#), [Environmental Law](#), [Environmental Protection](#)

Immediate Challenges for Industry Cost Billions!

Manufacturing companies are required to analyze and report PFAS use.



Business Continuity

Disruption in PFAS-containing material supply chain can severely impact business continuity.



Regulatory Reporting and Restriction

U.S. Federal and States Level, and Other World Regions



Customer Demands

Downstream customers requiring PFAS declaration, affecting purchasing decisions



Litigation Mitigation

3M to pay at least \$10B in “forever chemicals” settlement

The chemical giant will fund testing for public water systems across the U.S. and be relieved from some PFAS-related water contamination claims.

Published June 2

PFAS settlement has DuPont, Chemours and Corteva paying New Jersey \$2 billion over “forever chemicals”

August 5, 2025 / 7:26 AM EDT / CBS/AP



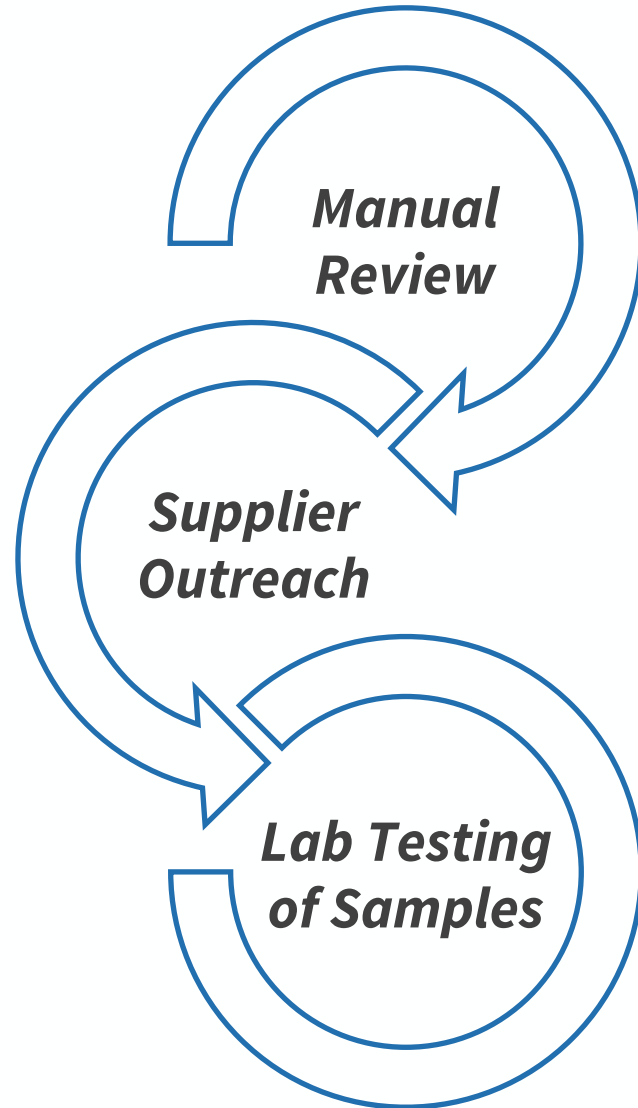
Share your perspective
Take the poll!

Where is your organization in its PFAS risk review and management journey?

- Just starting: identifying where PFAS may exist
- Collecting data: SDSs, supplier declarations, product/material data
- Screening risks: reviewing and prioritizing materials, products, or suppliers
- Reporting readiness: organizing evidence and validating supplier data
- Mitigation planning: testing, substitution, reformulation, or phase-out
- Not applicable to us

Where are PFAS in Materials and Supply Chain?

Current solutions are expensive, limited and time-consuming.



1. Huge Effort to Review for Large Scale



2. Lack of Supporting Data for PFAS Analysis
Limitations in SDS and Supplier Response Data



3. Huge Effort to Follow up with Suppliers



4. Uncertain Supplier Response Quality



5. High Cost and Not Scalable, Limitation in Testing Scope

Use AI-driven risk intelligence and workflow to transform:

PFAS Due
Diligence Review

Reporting
Readiness

Risk Mitigation
Planning



Material and Supplier Data

Manual entry, Excel/CSV upload, ERP integration



Specialized AI Models

*PFAS Knowledge Base + Product Docs +
Literatures*



PFAS Risk Analysis Results



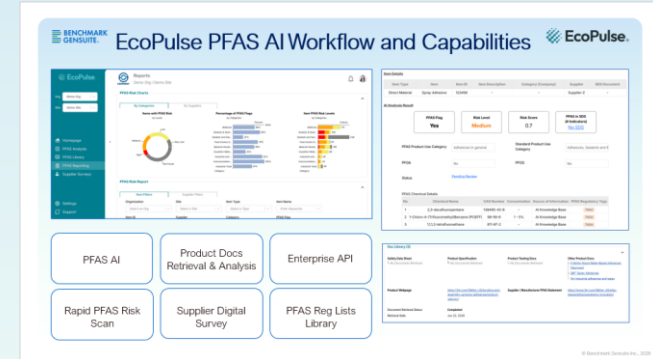
Expert Quick Approval



Target Supplier Outreach



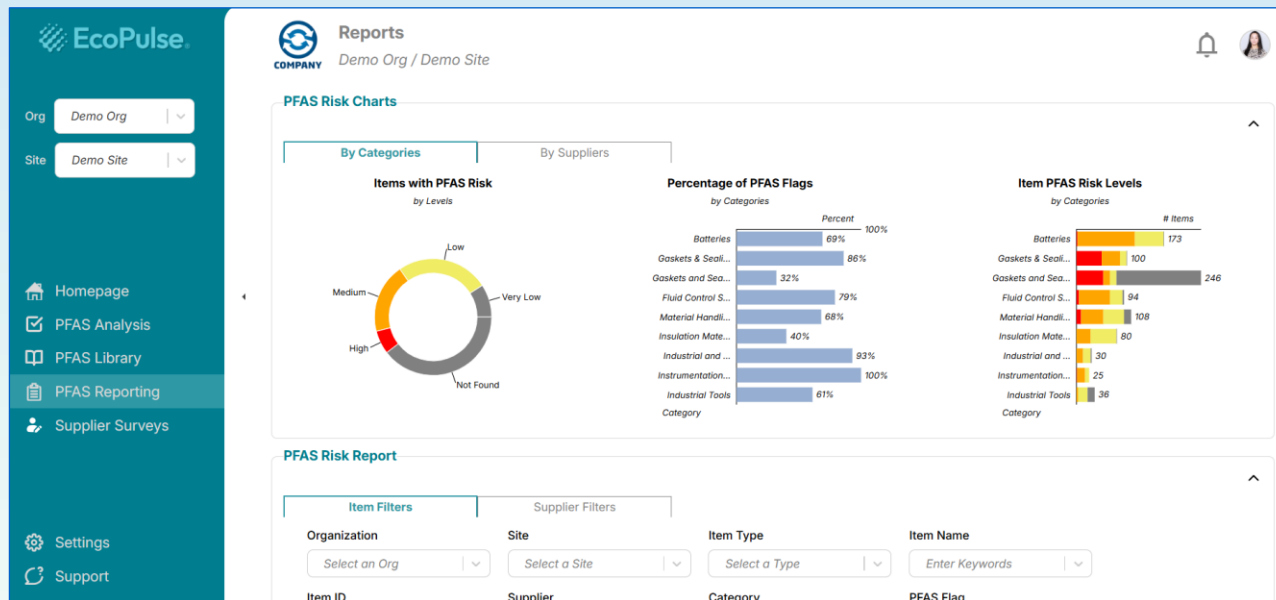
Reporting & Risk Map



Robust Technical Foundation – Patent Pending



2026 Critical Technology Spotlight Awardee



Item Details

Item Type	Item	Item ID	Item Description	Category (Company)	Supplier	SDS Document
Direct Material	Spray Adhesive	123456	-	-	Supplier-Z	-

AI Analysis Result

PFAS Flag

Yes

Risk Level

Medium

Risk Score

0.7

PFAS in SDS
(# Indicators)

No SDS

PFAS Product Use Category

Adhesives in general

Standard Product Use Category

Adhesives, Sealants and E

PFOA

No

PFOS

No

Status

Pending Review

PFAS Chemical Details

No	Chemical Name	CAS Number	Concentration	Source of Information	PFAS Regulatory Tags
1	2,3-decafluoropentane	138495-42-8	-	AI Knowledge Base	TSCA
2	1-Chloro-4-(Trifluoromethyl)Benzene (PCBTF)	98-56-6	1 - 5%	AI Knowledge Base	TSCA
3	1,1,1,2-tetrafluoroethane	811-97-2	-	AI Knowledge Base	TSCA

PFAS AI

Product Docs
Retrieval & Analysis

Enterprise API

Rapid PFAS Risk
ScanSupplier Digital
SurveyPFAS Reg Lists
Library

Doc Library (3)

Safety Data Sheet No Documents Retrieved	Product Specification No Documents Retrieved	Product Testing Docs No Documents Retrieved	Other Product Docs 5 Myths About Water-Based Adhesives Disproved 3M™ Spray Adhesives 3m industrial adhesives and tapes
Product Webpage	https://3m.com/3M/en_US/bonding-and-assembly-us/spray-adhesives/product-selector/	Supplier / Manufacturer PFAS Statement	https://www.3m.com/3M/en_US/pfas-stewardship/operations-innovation/
Document Retrieval Status Retrieval Date	Completed Jun 22, 2026		

AI Performance



Speed

<30 sec vs. 1+ hr
per material



Precision

- Precision Rate: 91%
- False Positive Rate: 7.5%



Evidence

Evidence Retrieval Rate: 97%
Similar products, citations from product docs and researches

Case Study Recap

\$230,000 estimated savings + evidence-backed results

Fortune 1000 company corporate EHS team

- 5,000 select indirect materials analyzed (continued to analyze additional 30,000 materials)
- ~400 items flagged with PFAS presence/risk by PFAS AI with chemical level details and research citations

Genny AI | Chem Agent

Chemical Management at the Program Level...

Standalone Chemical Management Agent – *use within Genny AI or seamless integrate with Benchmark Gensuite SDS System module*

➤ Maximize Program Effectiveness

Consistent Agent knowledgebase applied to generating site synopses and Chemical Safety evaluations including **Risk Identification, Mitigation and precautionary measures** associated with chemical

➤ Automate Chemical Safety Processes

Ensure **Age Quality Assurance** of SDS versions for compliance with safety measures and due diligence

➤ Operationalize Chemical Management

Integrate with the **SDS System module** for comprehensive risk management in Chemical Safety Programs



Genny AI

Your file has been processed successfully. Ask me a question to get started, or select one of the hints below to initiate a workflow.

11:45 AM

Help me with...

Quick Summary Key Constituents

Find latest SDS Precautionary Measures

Initiate Approval Request

Dangerous Goods Classification

Create Chemical Safety Card

Generate COSHH Risk Report

SDS Regulatory Watchlist

Compare with Approved List

SDS Substitution Matrix EcoPulse PFAS Detection

Genny AI

Chat Prompts Requests Agents

Chem Agent

File: Acetone_EXAMPLE

London, UK | Business Unit A - Demo

Tom

Please generate a COSHH risk report

11:13 AM

Genny AI

COSHH Risk Assessment

Task/Activity: Use as a laboratory reagent for chemical analysis and synthesis

Product: Acetone

Supplier: Fisher Scientific UK

IMMEDIATE HAZARDS

Risk Rating: High

GHS Pictograms: GHS02-Flame, GHS07-Exclamation

Hazard Statements:

- H225: Highly flammable liquid and vapor
- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness
- EUH066: Repeated exposure may cause skin dryness or cracking

PPE & PROTECTION

- Eve Protection: Goggles (European standard)

Help me with...

Show prompts

 **Benchmark Demo Company**
Scope: [Los Angeles \(CALI\)](#) | [Busi...](#)

Quick search...

App Prompts

 13

Benchmark Gensuite®
Malika Houghton

My Home

Genny AI...

English

Homepage

Chem Ag...

Back

Refresh

Link

Share

Print



 **Chem Agent**
Manage chemical and Safety Data Sheet (SDS) reviews

Chemical Safety Card Information

06-May-2026

Los Angeles | Business Unit A - Demo

Malika

Please detect PFAS in the SDS



7:43 PM

Genny AI

EcoPulse PFAS Analysis Report

Overview table

Help me with...



→

Show prompts

Alerts 0

Work Products 1

Files 1

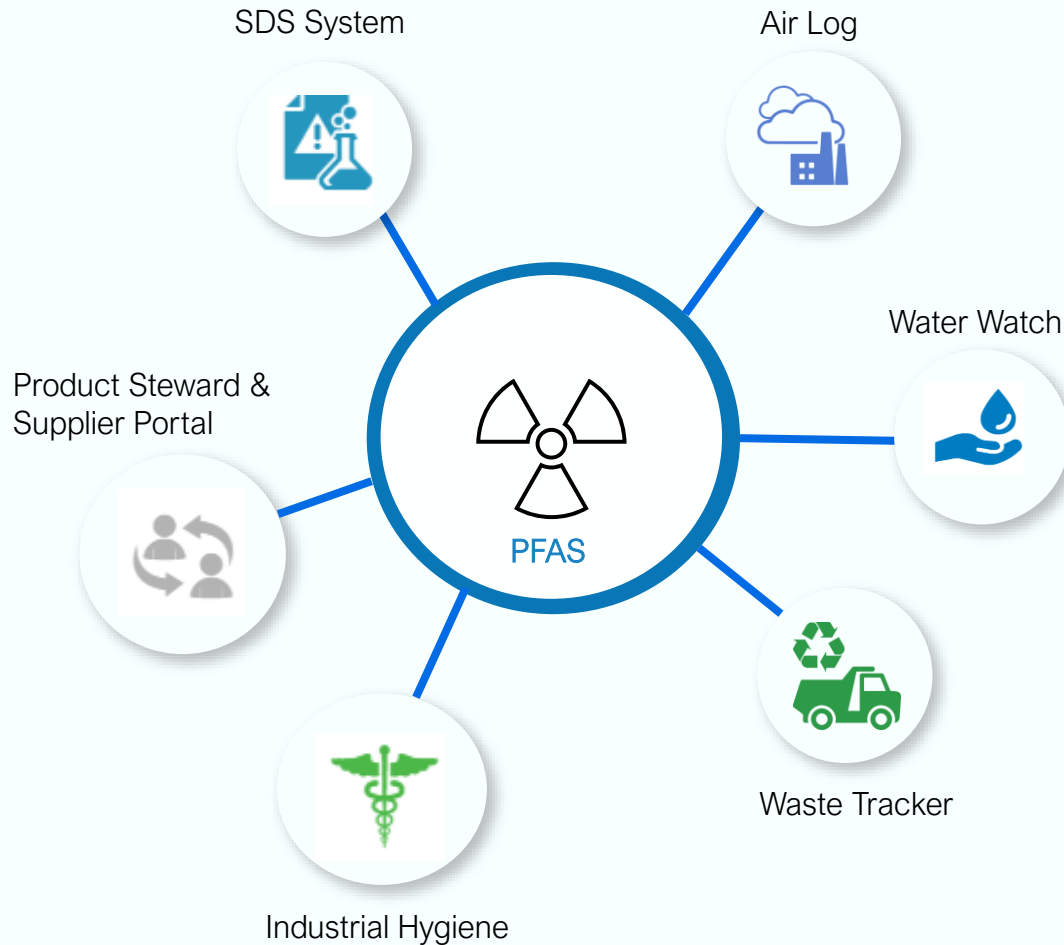
 **File Produced**
PROMAR_200_Interior_Latex_Danger_
Safety_Card.docx
06-May-2026



 **SDS Example 2.pdf**
142.79 KB



© Benchmark Gensuite Inc., 2025



Answering the Question: “Where can we look for PFAS in BMGS?”

- **SDS System**
 - PFAS-containing materials found in site chemical inventories
 - Usage and purchased volumes (back to 2011 per TSCA)
 - EcoPulse Compatible
- **Product Steward & Supplier Portal**
 - PFAS-containing components and materials sourced from upstream suppliers via material disclosures
 - Finished Products & BoMs with PFAS constituents found
 - EcoPulse supplier Risk Profile



Want to learn more?
Take the poll!

Would you like to have a demo of Chem Agent with the new EcoPulse integration?

- Yes, I'd like to schedule a call for next week
- Yes, I'd like to schedule a call in the next month
- No, just here for information



Q&A



Stay Connected!



Shelby Ackley

Director, Strategic Solution

Benchmark Gensuite

E-mail: Shelby.Ackley@benchmarkgensuite.com



Jenny Yu

Founder and CEO

EcoPulse

E-mail: jenny.yu@ecopulsenow.com

benchmarkgensuite.com

