

Chemical Footprint Project

Angela Pinilla, PhD
Senior Program Manager



FIVE ESSENTIAL STEPS IN THE CHEMICAL FOOTPRINT APPROACH



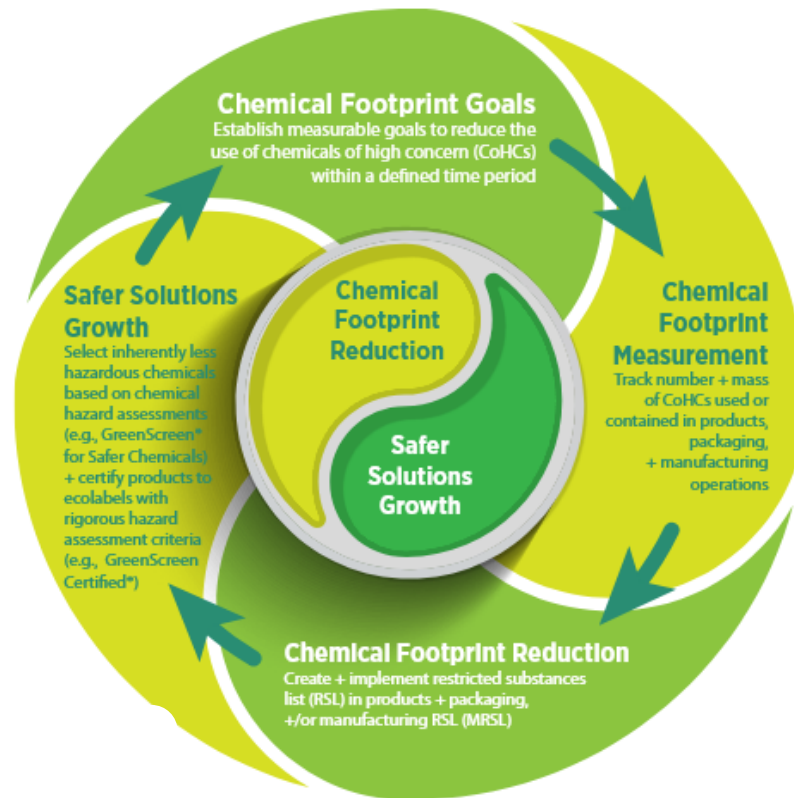


Figure 5. From Chemical Footprint Reduction to Safer Solutions Growth

FRONTRUNNERS

FRONTRUNNERS IN HOUSEHOLD & PERSONAL PRODUCTS: RECKITT, CLOROX, AND ECOLAB



- **Setting goals:** "Our targets: 50% of net revenue from more sustainable products and 65% reduction in our chemical footprint by 2030."²³
- **Assessing + managing chemicals in products:** We "use insights from our participation in initiatives like the Chemical Footprint Project (CFP) to help us validate our approach. It enables us to score and benchmark our approach across four areas: chemicals management, inventory, footprint measurement, and disclosure and verification. Through this, we track our progress on managing chemicals, choosing safer alternatives and using and reducing ingredients of concern."²⁴
- **Reducing chemical footprints + growing safer solutions:**
 - Supplier engagement: "Our internal raw materials playbook, launched in 2022, to guide conversations with our suppliers... provides guidance on what green chemistry is, and what our expectations are." It includes "how suppliers can support safe and sustainable design" through:
 - **"Chemical footprint:**
 - Measure and scope their chemical footprint
 - Remove or reduce chemicals of high concern from their raw materials
 - Identify, share and collaborate on alternatives for emerging chemicals of high concern
 - **Safe & effective alternatives**
 - Supply basic hazard data for individual substances
 - Provide public GreenScreen benchmark scores
 - Provide evidence of efficacy"²⁵
 - "Our Ingredient Steering Group (ISG) governs how we adopt safe and sustainable alternatives in new or reformulated products, and oversees our ingredients policies, including our Restricted Substances List (RSL) and its watch list."²⁵
 - **Being transparent:** "In 2023, 90% of our net revenue came from products where we disclose ingredient information on the pack or online."²⁶

Reckitt also integrates chemical footprint reduction into its biodiversity and packaging initiatives:

- **Biodiversity:** "We screen our products to prevent the risk of eco-toxicity and are working to reduce our **chemical footprint** [emphasis added] in our approach to product stewardship."²⁷
- **Packaging:** "Our ambition is for all our plastic packaging to be recyclable or reusable by 2025. We're swapping multi-layer laminates for mono-materials which are easier to recycle, removing black dyes from our bottles that can impede the recycling process, and exploring the use of ingredients from circular feedstocks, which biodegrade better and which have a lower **chemical footprint** [emphasis added]."²⁸

7th CFP REPORT

SIX KEY TAKEAWAYS

THE COMBINATION OF EMERGING TRENDS IN THE CHEMICAL FOOTPRINT APPROACH WITH DATA RESULTS FROM THE CFP 2023 SURVEY REVEALED SIX KEY TAKEAWAYS IN CHEMICALS MANAGEMENT LEADERSHIP.



USE THE
CHEMICAL
FOOTPRINT
APPROACH
TO ADDRESS
CHEMICAL
POLLUTION.



KNOW YOUR
CHEMICAL
FOOTPRINT.



BE A
FRONTRUNNER.



REDUCE
YOUR
CHEMICAL
FOOTPRINT.



GROW
SAFER
SOLUTIONS.



SHARE
YOUR
JOURNEY.



CHEMICAL
FOOTPRINT
PROJECT



Angela Pinilla
angela@cleanproduction.org