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Chemicals of High Concern (CoHCs) Reference List (2018) Overview



Comprehensive List of Chemicals of High Concern

Based on the criteria of authoritative bodies and GreenScreen® for Safer Chemicals



The list helps companies

Identify and eliminate harmful chemicals from products and manufacturing

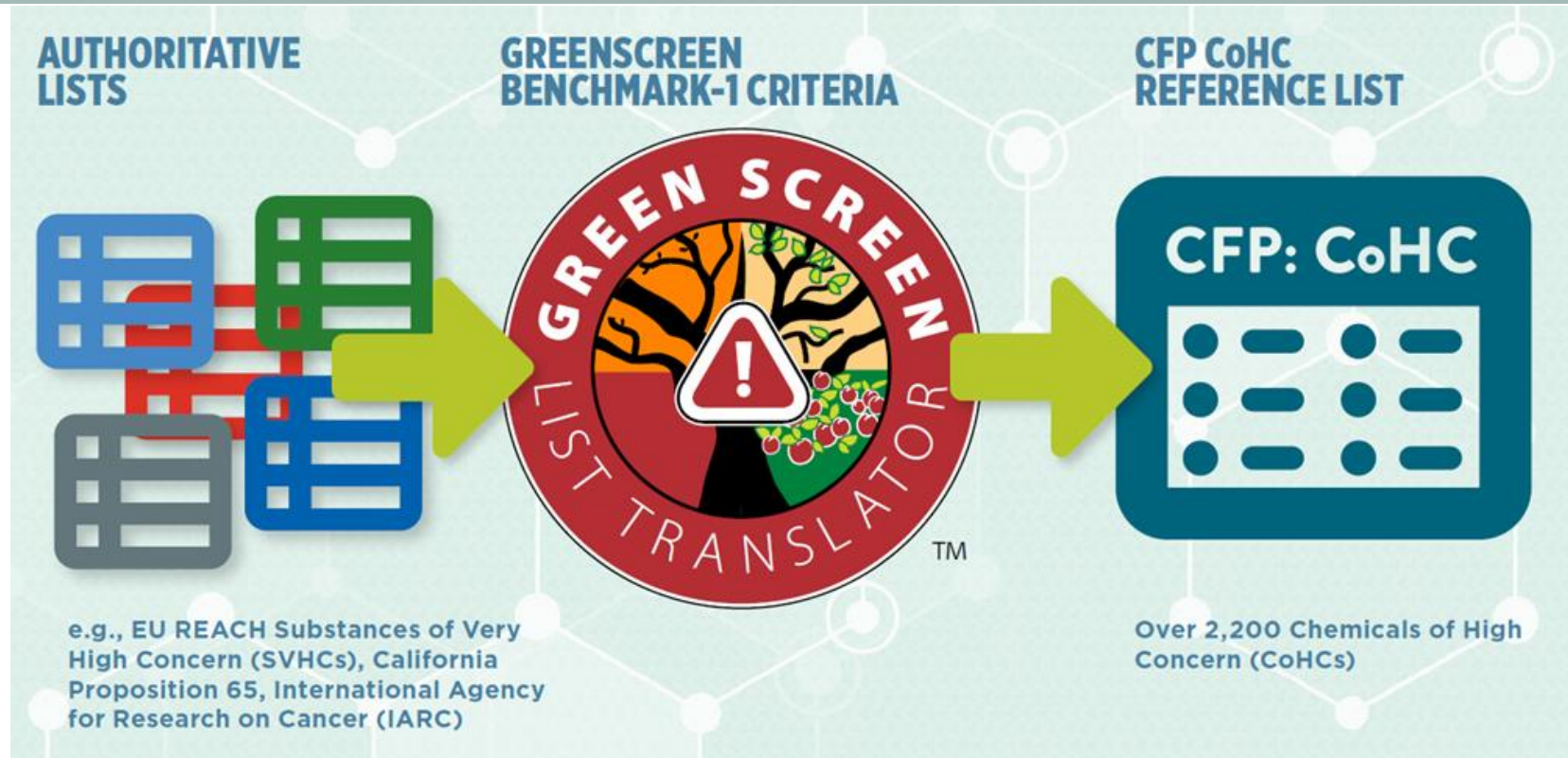


Based on GreenScreen® List Translator

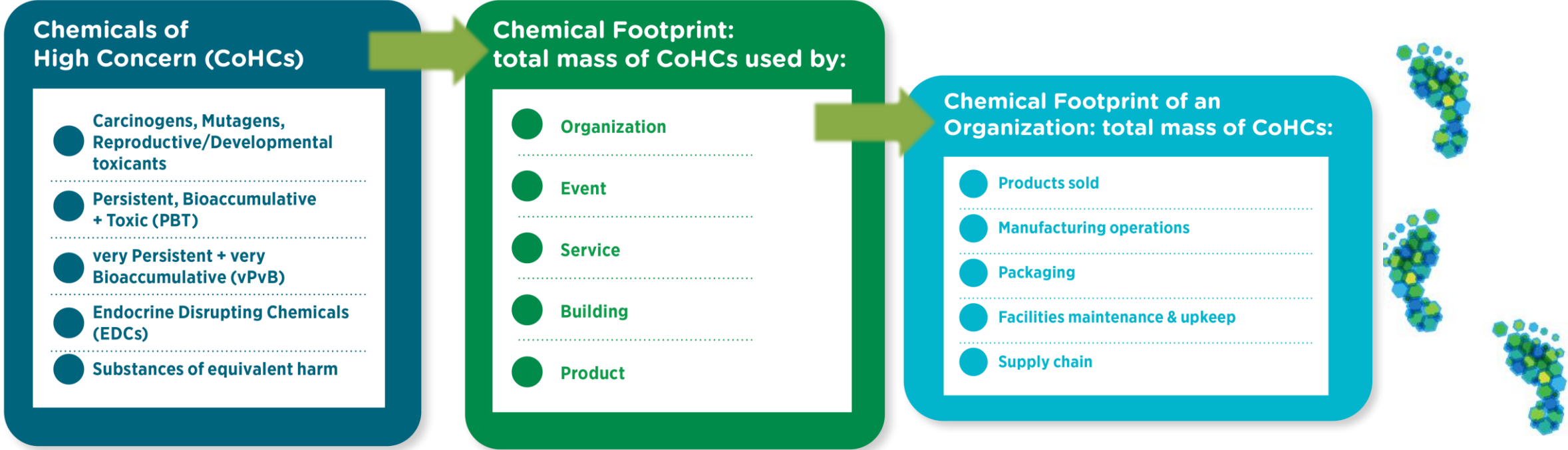
Covers 18 human health and environmental endpoints

The CoHC Reference List from Clean Production Action is a valuable resource for companies looking to reduce their chemical footprint and avoid regrettable substitutes

Chemicals of High Concern Reference List Methodology (2018)



Chemical Footprint



What is on the 2018 CoHC Reference list from Clean Production Action



What is on the list?

Contains 2200 chemicals



What types of chemicals?

The list includes GreenScreen List
Translator-1 (LT-1) Chemicals



Why does it matter?

Identifying them is the first step to reduce the
chemical footprint

The CoHC reference list helps identify chemicals of high concern to avoid and supports the shift to safer alternatives.

What is on the New 2023 CoHC Reference list



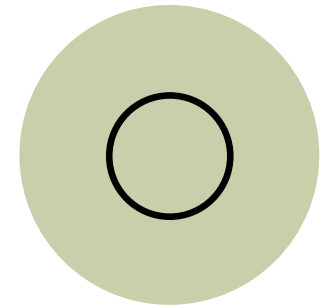
What is on the list?

- 55,121 CAS numbers



What types of chemicals?

- The list includes GreenScreen LT-1 and Benchmark-1 chemicals
- Chemicals in designated chemical classes, including PFAS



Why does it matter?

- Identifying CAS numbers is important for safety, regulatory and chemical inventory purposes

Methodology for updating the 2023 CoHC Reference list



First Step: Identify Chemicals of High Concern using GreenScreen for Safer Chemicals

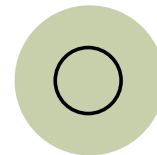
GreenScreen List Translator-1 Chemicals: 40 authoritative bodies including the European Union's REACH regulation, International Agency for Research on Cancer (IARC), U.S. National Institutes of Health, and California Proposition 65

GreenScreen Benchmark-1 Chemicals: Information generously provided by Licensed GreenScreen Profilers, including: Gradient, ToxServices, and WAP Sustainability Consulting



Second Step: Identify, Review, and Select Chemical Classes of High in consultation with BizNGO

BizNGO Chemicals Management Work Group reviewed proposed list of chemical classes that aligned with leading regulations on chemical classes and chemical classes specified in GreenScreen Certified. CPA made the final determination of chemical classes to include in the new CoHC Reference list.



Final Step: Result

In collaboration with Healthy Building Network, CPA finalized the list in a spreadsheet (to be released next week). It is one of the most comprehensive list's of chemicals of high concern identified by CAS numbers and provides the foundation for measuring and tracking chemical footprints.

Key Characteristics of the 2023 CoHC Reference List



Chemicals of High Concern

Listed by authoritative bodies as defined by GreenScreen List Translator or assessed as a GreenScreen Benchmark-1 chemical by licensed toxicologists



Chemical Class of High Concern: Per- and polyfluoroalkyl substances (PFAS)

- Definition: “A class of fluorinated organic chemicals containing at least one fully fluorinated carbon atom (SB 5135, Safer Products for WA ACT)
- Source list: US EPA CompTox Database



Additional Chemicals Classes of High Concern

Alkylphenols and alkylphenol ethoxylates

Azo Dyes

Benzophenones

Bisphenols

Formaldehyde releasers

Heavy metals and their compounds: Antimony, Arsenic, Cadmium, Chromium VI, Cobalt, Lead, Mercury, and Organotins

Organohalogens (beyond PFAS)

Parabens

Phthalates: Ortho-phthalates

Ozone Depleting Substances (ODS)

Siloxanes: Cyclic volatile methyl siloxanes (D4, D5, D6)

