

# BLUESIGN-SOFTLINE SUSTAINABILITY SOLUTION

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Investor Days, 26-27 October 2017

WHEN YOU NEED TO BE SURE



- Quality ➡ Consumer Safety ➡ Sustainability  
(Full Supply Chain Safety and Environmental Responsibility)
- Quality and Consumer Safety went from a point of distinction in the industry to an expectation
- Sustainability is now reaching this same expectation



## Salvatore Ferragamo Group Gets Greener

The company's prestigious Florentine Palazzo Spini Feroni obtained a green certification this month.

By Alessandra Torre on June 26, 2017



## Kering, H&M, Others Commit to Development of 'Circular' Apparel

As part of a new sustainable fashion initiative, Kering and some brands are teaming up to make more earth- and human-friendly goods.

By Nicky Kopp on May 26, 2017



EYE / PEOPLE

## Liam Neeson's Son Launches Environmentally Conscious Clothing Line

Called Pine Outfitters, the line is Daniel Neeson's first fashion venture.

By Nicky Kopp on July 14, 2017



745 SHARES



COMMENT

BY MARIE-CLAIRE DAVEU  
OCTOBER 1, 2014 05:00

TRISTY

## Placing Sustainability at the Heart of Kering

As luxury brands, it is essential that we place sustainability at the core of what we do, not least because it makes good business sense, argues Marie-Claire Davcu of Kering.



Marie-Claire Davcu | Photo: Nicolas Morice

**PARIS, France** — Sustainability is embedded in the very concept of luxury. A cornerstone of luxury is the long-lasting endurance of an item. And if one of the



## Op-Ed | Build Sustainability Into Your Business From Day One

Kelly Slater, pro surfer and founder of Outerknown, says building sustainability into the heart of your business right from the beginning is much easier than trying to change your ways later on.

## Businesses are responding to demand for chemical transparency

Beverly Thorne  
Wednesday, April 26, 2017 - 12:26am



It's been over 30 years since the U.S. Community Right to Know Act was passed in 1980. At the time, the idea that companies publicly would report their emissions of toxic chemicals to a Toxics Release Inventory (TRI) seemed far-reaching, yet corporations now know this is part of doing business.

Touting the success of TRI chemical reporting, EPA Administrator Gina McCarthy proclaimed, "People deserve to know what toxic chemicals are being used and released in their backyards, and what companies are doing to prevent pollution. By making that information easily

## The Right Chemistry

### Chemical footprinting strides to become mainstream with Walmart

Mark Pease, Chris Peltz, Sally Burkhardt and Tim Sisker  
Friday, August 11, 2017 - 1:26am



Global momentum toward chemical safety is rising as the financial and health implications of chemical mismanagement become increasingly clear.

Witness the global Sustainable Development Goals (SDGs), which highlight the importance of reducing and managing hazardous chemicals to meet the objectives of ensuring healthy lives, the availability of clean water, and sustainable consumption and production patterns.

## Target's new chemicals policy hits a bullseye

Anya Khatamajeri  
Friday, February 10, 2017 - 12:30am



A chemical reaction needs at least two elements and a catalyst to begin a swift and irreversible change. Target's new chemicals strategy promises to cleanse its shelves, and the brands along its value chain, of toxic chemicals. If enacted properly, the chain reaction of the policy and its implementation can have lasting, positive repercussions across and beyond the retail industry.

Target's Jan. 25 announcement is the first push from a U.S. retailer encompassing every product it sells — including its in-house and national brand consumer products — and its operations. The process calls for several ingredients: Strategic planning from the retailer; the commitment of its business partners; and best practices borrowed from NGOs.

The hoped-for result? A healthier consumer base with loyal purchasing power, meaning

# Primark recalls men's flip-flops after carcinogenic chemical discovery

High street chain is offering full refund on khaki, black and blue colours from its men's Cedar Wood State range



**BOF**

9 SHARES  
f t in r e p

COMMENT

BY REUTERS  
JUNE 7, 2016 11:44

© iStockphoto.com/Photo by [unreadable]

NEWS & ANALYSIS

## Most Big Users Failing on Cotton Sustainability

Most companies using cotton do nearly nothing to improve environmental sustainability in its supply, environmental groups have announced.



Home > Nation

### Damaging chemicals found in toys globally: Study

By Express News Service | Published: 17th April 2017 00:35 PM |  
Last Updated: 17th April 2017 00:15 PM | A A A



File photo for representational.

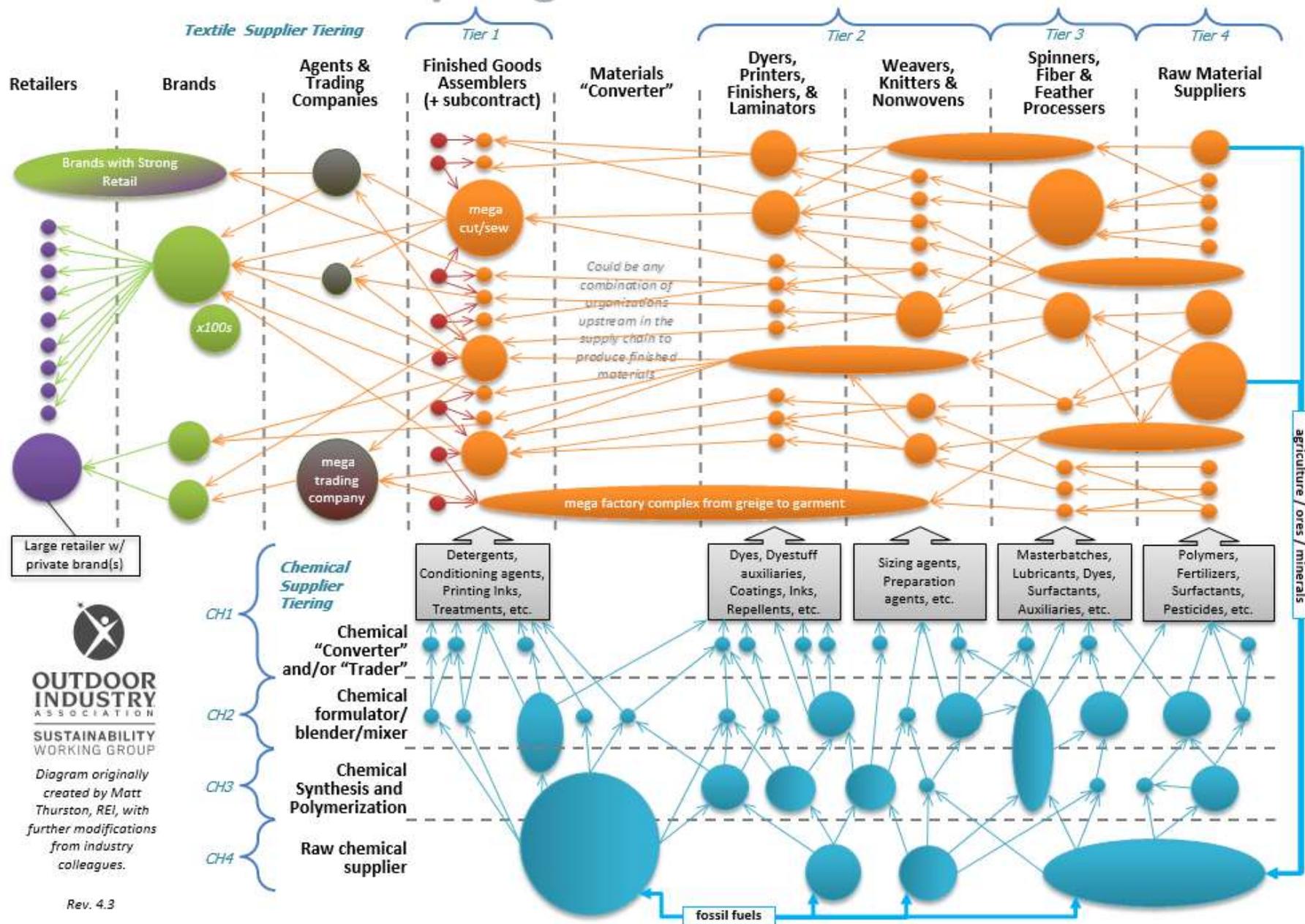
**NEW DELHI:** There is presence of highly toxic flame retardants chemicals in children's toys and related products made from recycled plastics generated from e-waste, said a global study.

According to the study, chemical contaminants that can damage the nervous system and reduce intellectual capacity were found in Rubik's Cubes – a puzzle toy usually made of recycled plastic,

this study

that 90 percent contained Convention.

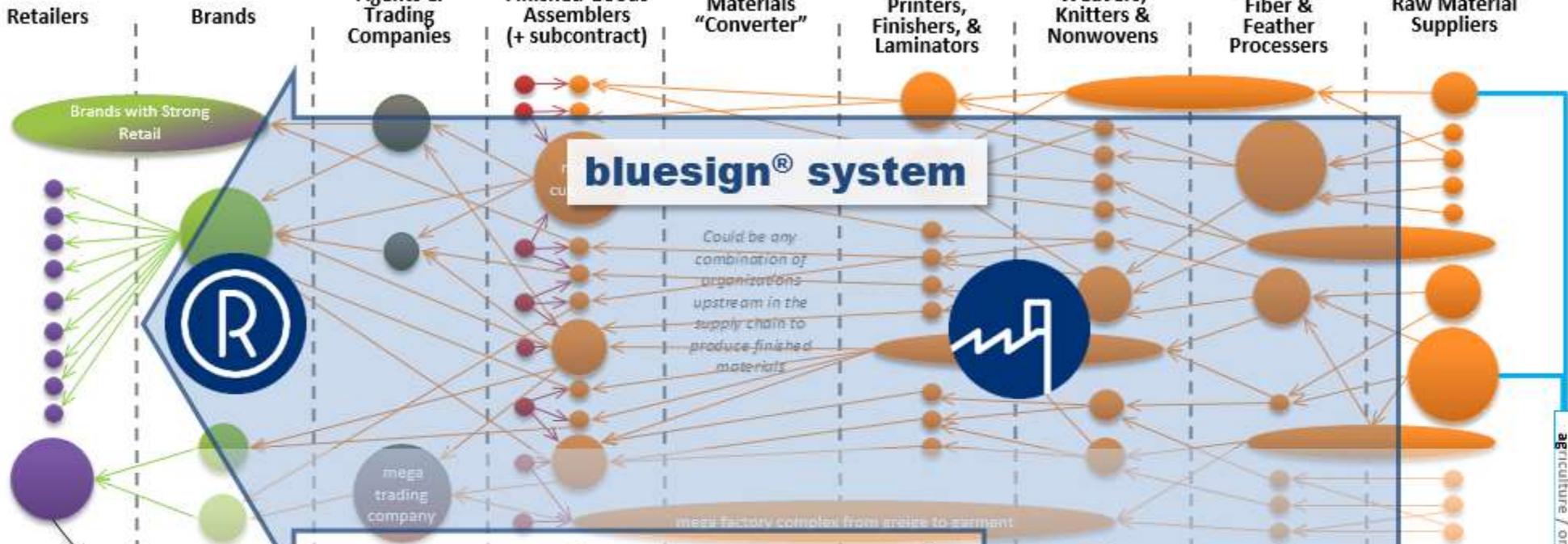
# Complex global textile value chain



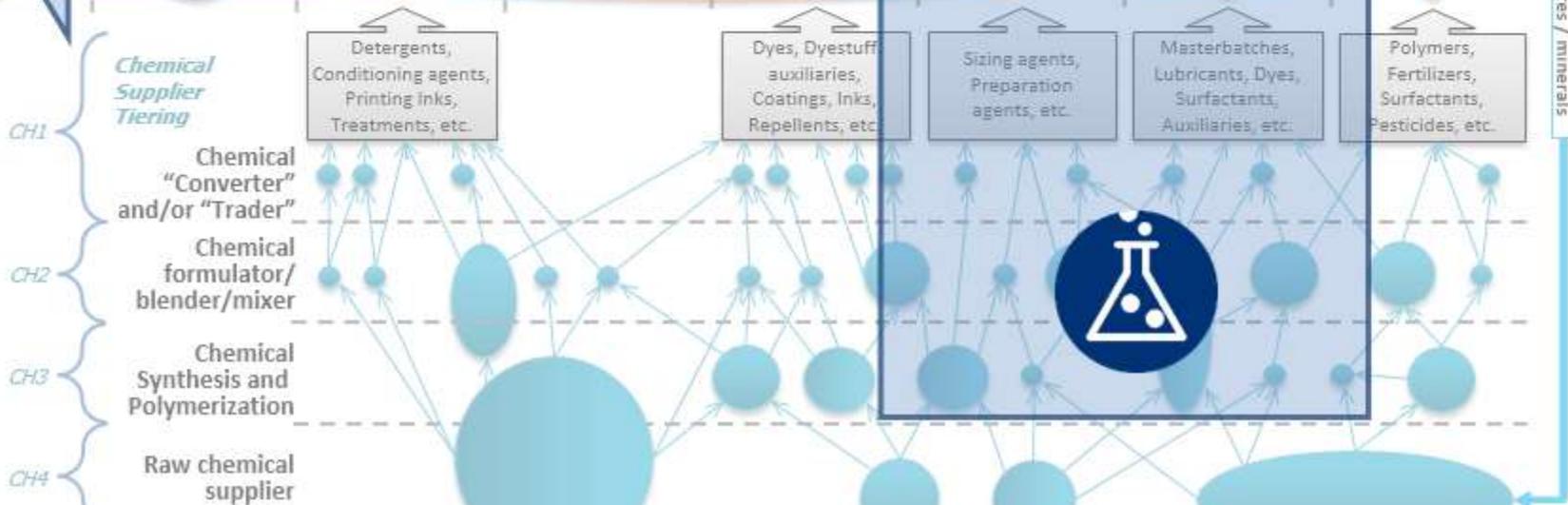
**OUTDOOR INDUSTRY ASSOCIATION**  
**SUSTAINABILITY WORKING GROUP**  
 Diagram originally created by Matt Thurston, REI, with further modifications from industry colleagues.

# Managing the supply chain

## Textile Supplier Tiering



## Chemical Supplier Tiering



**OUTDOOR  
INDUSTRY  
ASSOCIATION**

**SUSTAINABILITY  
WORKING GROUP**

Diagram originally created by Matt Thurston, REI, with further modifications from industry colleagues.

agriculture / ores / minerals

## Input Stream Management The Pioneer in this Approach



**Eliminating hazardous chemicals prior to production**



bluesign® bluefinder – positive chemical list

bluesign®

129 products were found - page 1/2 (Duration: 47 milliseconds)

Product ▾	Rating	Class	Subcategory	Range	Company	 
AROSTIT AR gr	 blue	A-B-C	Bleaching auxiliaries	Arostit	Archroma Manageme...	 
AROSTIT IT gr	 grey	A-B-C	Bleaching auxiliaries	Arostit	Archroma Manageme...	 
BACTOSOL ARL liq c	 grey	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BACTOSOL SAP ip liq c	 grey	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BACTOSOL SAP liq c	 grey	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BACTOSOL SAP.BR liq c	 grey	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BACTOSOL SAPCP liq hc	 grey	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BACTOSOL X-CP liq	 blue	A-B-C	Bleaching auxiliaries	Bactosol	Archroma Manageme...	 
BEIBLEACH WP 35	 grey	A-B-C	Bleaching auxiliaries	Beibleach	CHT   BEZEMA	 
CERAFIL BRC	 blue	A-B-C	Bleaching auxiliaries	CERAFIL	Dong Lim Chemicals...	 



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systempartner	status	details
3C-TEX International Co., Ltd.	certification	<a href="#">+</a>
3PX (Hangzhou) Co., Ltd.	certification	<a href="#">+</a>
Abletex Textile Co., Ltd.	certification	<a href="#">+</a>
Achievetex Co., Ltd.	certification	<a href="#">+</a>
Amaterrace Inc.	certification	<a href="#">+</a>
Antex Knitting Mills	bluefinder	<a href="#">+</a>
Anubha Industries Pvt. Ltd.	screening	<a href="#">+</a>
Apex (Zhejiang) Textile Co., Ltd.	certification	<a href="#">+</a>
Arikbey Tekstil, Enerji Ve Sinai Yatirimlar A.S.	bluefinder	<a href="#">+</a>

Resources



Cost



Time



Water



Energy



Chemicals

Standard :bluesign process

Process A: bluesign process

Process B: DWR Finish

0 %

-3 %

0 %

-96 %

0 %

-73 %

0 %

281 %

0 %

-100 %

Impact



## bluesign focus areas a holistic systematic approach



### People

- Consumer Safety
- Occupational health and safety

### Environment

- Water emissions
- Air emissions
- Waste
- Soil

### Resources

- Energy, water, chemicals, raw materials
- Benchmark

### bluesign® system

- Risk minimization
- Reduction of impacts
- Protection of people and the environment
- Resource productivity

# The Right Chemistry

## Radio Flyer and measuring to manage safer materials

Chris Egan  
Friday, June 16, 2017 - 1:00pm



In tandem with the rise in interest in green chemistry, companies are increasingly looking to gain business value from sustainable chemical management.

The key concepts: reducing risk from existing and emerging regulations while also helping to build consumer trust, meet customer demands and reduce testing costs. Nevertheless, shifting to a program aiming for safer materials demands program changes that many struggle to address.

Radio Flyer, the family-owned toy company, long has taken a precautionary approach to the

# The Right Chemistry

## Is your favorite retailer selling toxic products?

Mike Schulte and Mike Bellomo  
Thursday, December 15, 2016 - 1:22pm



Don't be fooled. Don't let size and age, plenty of products on the shelves are harmful to your health.

Just in time for the holiday shopping season, a new report card has been released evaluating the United States' largest retailers' safer chemicals programs — providing detailed information for both consumers and investors on which retailers are leading and which are failing when it comes to managing toxic chemicals risks.

"Who's Winning the Store? — A Report Card on Retailer Actions to Eliminate Toxic Chemicals" set out to evaluate the progress that has been made, challenges that remain and the ever-present need for transformational change in the marketplace to promote safer chemicals in products. Since the Mind the Store campaign was launched in 2013,

This comes at a time when nation's largest retailers are on the frontlines of consumer discontent with product safety and hazardous chemical ingredients.

Our investigation found that some leading retailers such as Walmart, Target and CVS are making

# The Right Chemistry

## How CVS is cutting back on chemicals in cosmetics

Clia Turci  
Friday, June 9, 2017 - 1:00pm



CVS Health is moving to cut chemicals of concern used in house brand products for beauty and personal care.

As vice president of store brands and quality assurance at CVS Health, I spend a lot of time thinking about one big question: What do our customers want?

Every decision our team makes is driven by customer trends and insights, gleaned through research, external data and consumer testing. When it comes to our store brand beauty and personal care products, we've heard our customers loud and clear. They want products that

WHEN YOU NEED TO BE SURE



