Case Study: Phase out of Perfluorinated Compounds

Anna Biverstål & Linn Farhadi, Global Chemical Compliance Experts | H&M GROUP
About H&M Group
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FASHION and QUALITY at the best price in a SUSTAINABLE way

69 markets
4,700 stores
43 markets
171,000 employees
More than E-Commerce in
Over Sales including VAT SEK
Profit after Tax SEK
232 billion
16.184 billion
H&M Group – Phase Out of PFCs

CASE STUDY
PHASE OUT OF
PERFLUORINATED
COMPOUNDS

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Phase Out Timeline

2009
- Collaboration with chemical supplier to find alternatives

End 2010
- Trial on fabric stage
- First product in store

Beg. Of 2013
- Ban of PFCs in all products
- Positive list published

Beg. Of 2016
- Recognition from consumer council
Collaboration and Trial on Fabric Stage

One of the alternatives investigated was BIONIC-FINISH®ECO supplied by Rudolf Group

2010 First PFC-Free Product In Store
2013 PFC Ban in all Products
Recognition from Consumer Council
Collaboration is key for clean factory

Leading the textile, leather and footwear industries towards zero discharge of hazardous chemicals
The Future
LEADING THE CHANGE TOWARDS SAFE PRODUCTS AND A TOXIC FREE FASHION FUTURE
# Chemical Management Roadmap

## Vision

### Leading the Change
- Traceability
- Engagement
- Transparency

### Safe Products
- Best available chemicals
- Zero discharge
- 100% circular
- Cooperation

### Toxic Free

## Long-term Goals & Ambitions

### Our Definition

1. **100% traceability of input chemicals by 2030.**
   - Push legislation and support public policies promoting progressive chemical management.
   - Share information with customers, right-to-know principle. Full public disclosure on waste water discharge test data.

2. **Promote innovation and better chemicals/technology to enable use of the best available chemicals in supply chain.**

3. **Toxic free is a way to demonstrate our ambition and create action within our company and outside of it.**
   - Toxic free means that chemicals used in our products must not represent a threat to people or the environment.
   - Concentrations of harmful chemicals must be close to zero, always considering the best technology available.

4. **Safe products are those that do not cause any harm to people or the environment.**
   - But a difficulty is that knowledge about the properties and hazards of chemicals are constantly evolving. This means that a product that is considered safe today might not be in the future. We therefore work actively to ensure safe products by continuously evaluating new knowledge and data.

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#### H&M Group Sustainability Report 2017
2018 Re-Launch of the Positive List

H&M GROUP
POSITIVE LIST
is LIVE
on Supplier Portal
and on www.hm.com

Check it out!

Why POSITIVE LIST?
This is list of chemicals that are safe to
use in our production. Replace
hazardous chemicals and DETOX NOW.

Let’s reach together the
Zero Discharge of Hazardous
Chemicals by 2020!

Providing the ZDHC community with the tools and information needed, to support better sourcing decisions
Together for a sustainable future
Thank you!