



# MARKETPLACE

**-The dating site for  
safer alternatives**

**ECHA Substitution webinar, 18 April 2018**

# ABOUT CHEMSEC



Sweden based non-profit



Founded 2002 by four environmental NGOs to work on chemicals on an international level



Funding from government and charity funds



Offering concrete tools and highlighting positive examples



# CHEMSEC BUSINESS GROUP





- Increase visibility of alternatives
- Show the “buffet” of low-hanging fruits
- Marketplace with focus of replacing hazardous chemicals
- B2B tool



Search for safer alternatives to hazardous chemicals

I'm looking for an alternative to...

SEARCH



Add alternative



Submit request



Account settings

Alternatives Request Advanced Search >

# Future-proof your business

## Find safer alternatives to hazardous chemicals

Do you want to replace a chemical that is harmful to health or the environment with a better alternative? Search our database to find an alternative product from the suppliers presenting their offerings on the site. A quick and simple way to find the substitute you need.

Do you offer a safer alternative to hazardous chemicals? Show it on Marketplace.

At Marketplace you reach out to customers with an expressed interest in what you have to offer. And get a great opportunity to present your safe alternatives to harmful substances for a better future.

SIGN UP NOW

# ADVERTISEMENTS

- Free of charge
- Use/function
- Substances that it can replace
- Sector, material
- Legal requirements, standards and third party verifications
- Market status – quantities
- Contact details

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### LANASOL® CE - pioneering replacement of chrome dyes since 20 years

**HUNTSMAN**  
Enriching lives through innovation

Alternative type: Alternative material, Chemical substitute, Technical or process solution  
Technical Function: Dye  
Sector of Use: SU05 - Manufacture of textiles, leather, fur  
Material Article Category: AC05 - Fabrics, textiles and apparel  
Requirements, standards and third party labels: BlueSign Certified (CM) Products Program, ZDHC MRSL

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### High IQ® Repel non-Fluorinated Durable Water Repellents

Summary: High IQ® Repel is a range of industry leading non-Fluorinated Sustainable Durable Water Repellents that complies with most regional and country legislations such as EU REACH and ZDHC Roadmap (ZDHC) and the Restricted Substances Lists of the world. It is suitable for OEKO-TEX® Standard 100.

Description: HIGH IQ® Repel brand assurance scheme provides a safe and the most friendly apparel with rain and stain protection. The program is built on a comprehensive safety and the most

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### Exolit® OP non-halogenated flame retardants – Patented chemistry for more safety

Summary: The Exolit® OP products are phosphorus-based flame retardants that allow polyamide and polyester compounds to achieve stringent fire safety standards such as the UL94-V0 rating down to thin thicknesses and for all colors.

Description: Exolit® OP non-halogenated flame retardants are white, fine-grained powders. The products are non-hygroscopic and insoluble in water as well as in organic solvents. Clariant's Exolit® OP flame retardants for polyamides and polyesters are all based on aluminium diethyl-phosphinate (= DEPAL). The pure substance DEPAL is sold as Exolit® OP 1230 for polyamides and Exolit® OP 1240 for polyesters. They can be used on their own or as a building block in synergistic combinations. Clariant sells the pure flame retardants as well as ready-to-use synergistic blends, such as Exolit® OP 1400. The Exolit® OP product family was the pioneer in non-halogenated flame retardants that could withstand the demanding requirements of high end segment of engineering plastics. • Exolit® OP based compounds are cost-competitive to brominated formulations, because of the high efficiency and low density of Exolit® OP. • Compounds containing Exolit® OP achieve CTI up to 600 V, allowing miniaturization and complex designs. • Demanding heat aging requirements can be met with Exolit® OP based compounds (RTI). • Lower smoke density and toxicity make compounds with Exolit® OP parts in rolling stock. • Exolit® OP can be used for all color compounds. • Exolit® OP has a favorable environmental and health profile that is conform with RoHS and WEEE. • Mechanical properties with Exolit® OP flame retardants are on comparable level to conventional brominated compounds. • Exolit® OP has been awarded the EcoTain label - Clariant's approach to highlight sustainable products Aluminum diethylphosphinate (CAS No. 225789-38-8) was assigned a GreenScreen Benchmark™ Score of 3 in October 2016. Innovation Spotlight video www.clariant.com/en/Innovation/Innovation-Spotlight-Videos/Exolit

**CLARIANT**

Company name: Clariant  
Contact name: Elmar Schmitt  
Contact Email: flameretardants@clariant.com

Documents:  
DA4002E\_Exolit\_Overview\_10-2016.pdf

Comment or report this ad to ChemSec

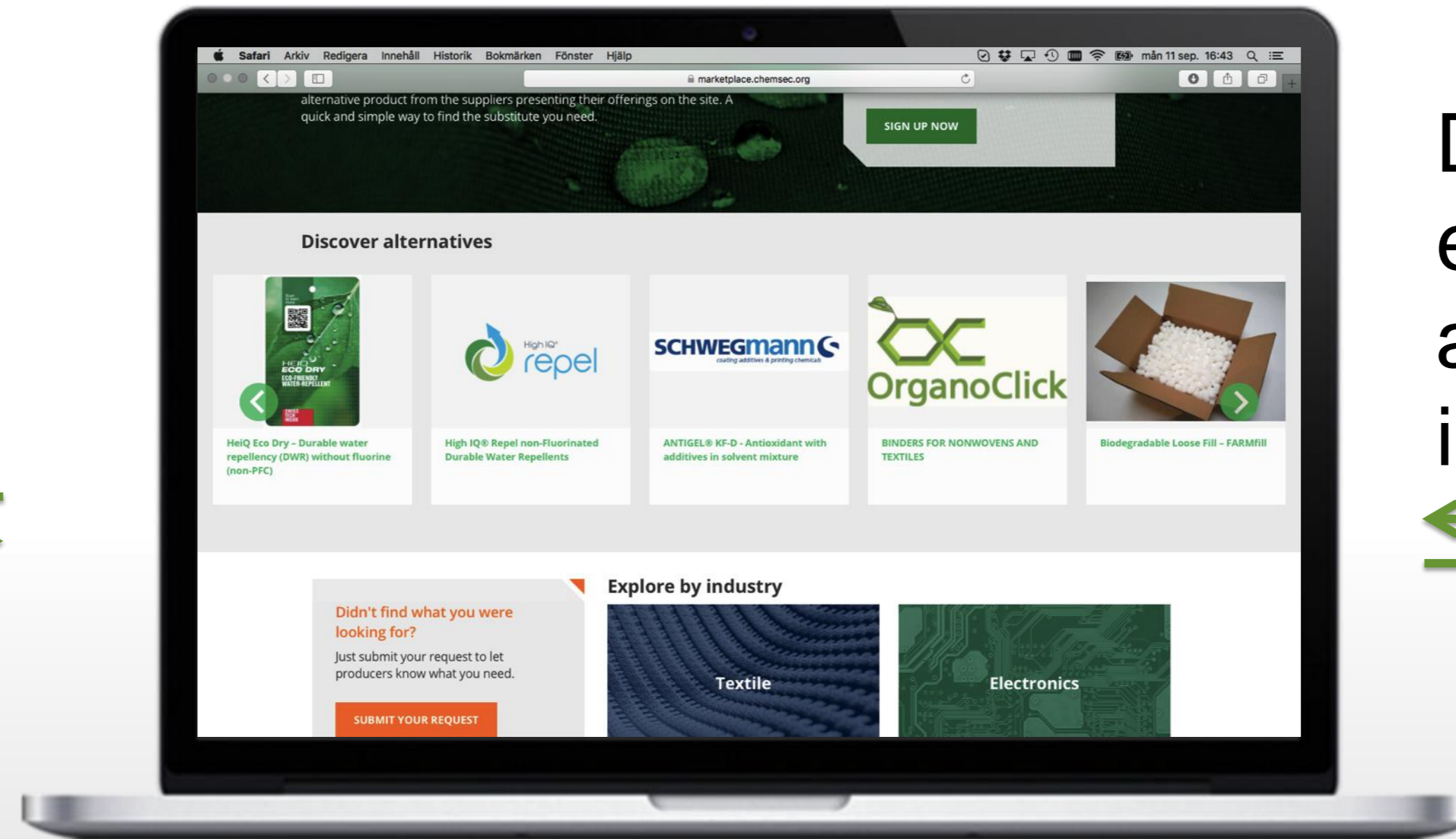
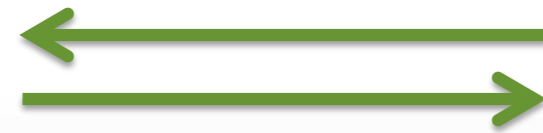
High IQ® repel  
Agents  
ture of fine chemicals  
5 - Fabrics, textiles and  
and third party labels:  
chemicals, Oeko-Tex

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INTERNATIONAL CHEMICAL SECRETARIAT

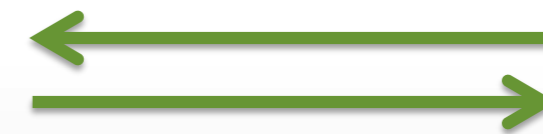
# MARKETPLACE USERS



**PROVIDERS** of solutions advertise and look at incoming requests



**DOWNSTREAM USERS** explore the advertisements and put in requests



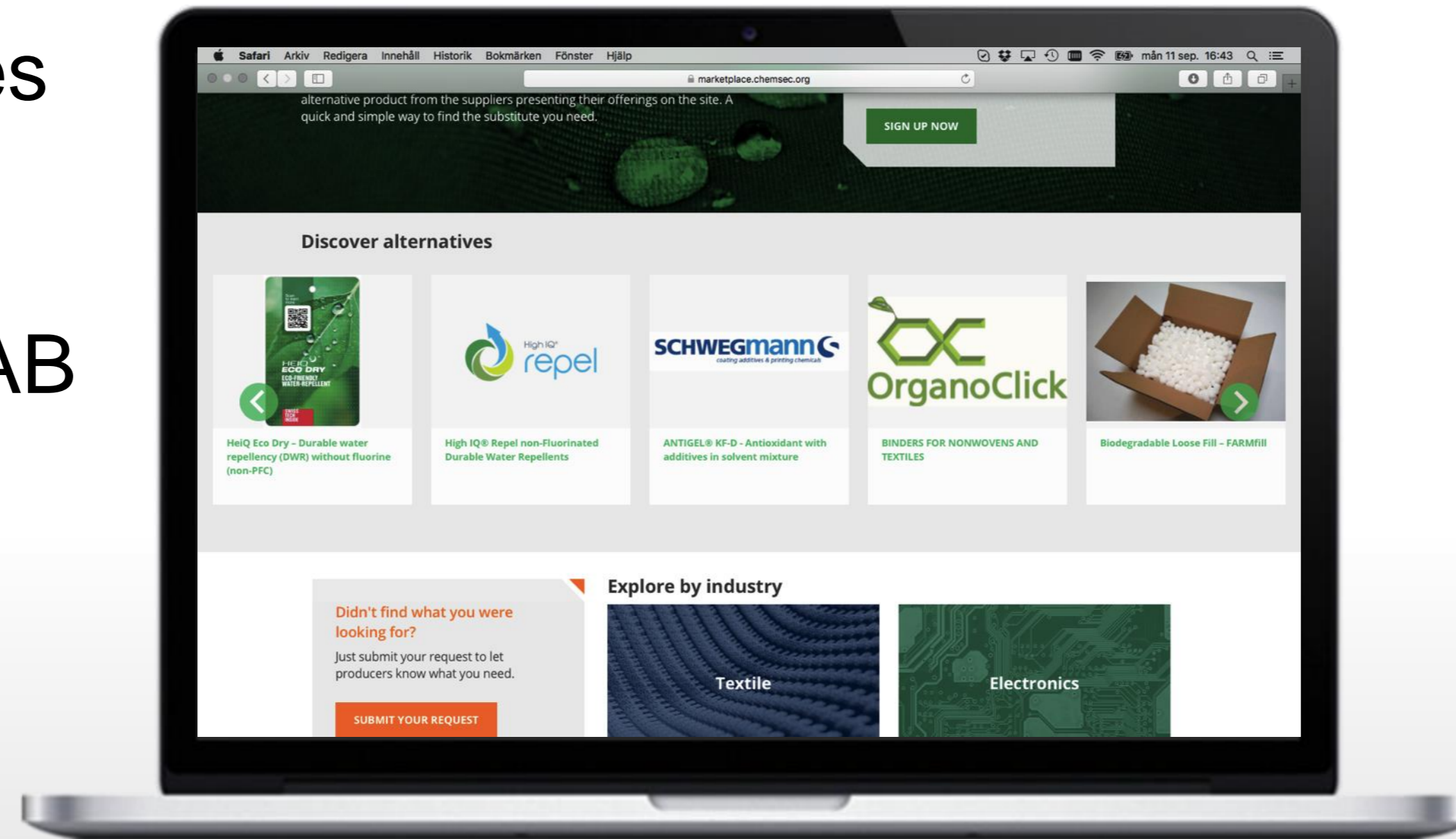
**OTHER STAKEHOLDERS:** Interested in availability of alternatives



# ADVERTISERS



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Sherwin-Williams  
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X-fire




# WHAT IS AN ALTERNATIVE?



- Any solution to replace hazardous chemicals
- Drop-in chemical, technological solution, process or material
- SIN Listed chemicals are banned

# Thank you for listening



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