

#### **OUR WAY TO SPECIALITY**

#### **GENERAL TOPICS**





PCC GROUP
GENERAL INFORMATION



PCC EXOL SA
GENERAL INFORMATION



PCC EXOL SA
PRODUCTS & CATALOGS



PCC EXOL SA GREENLINE

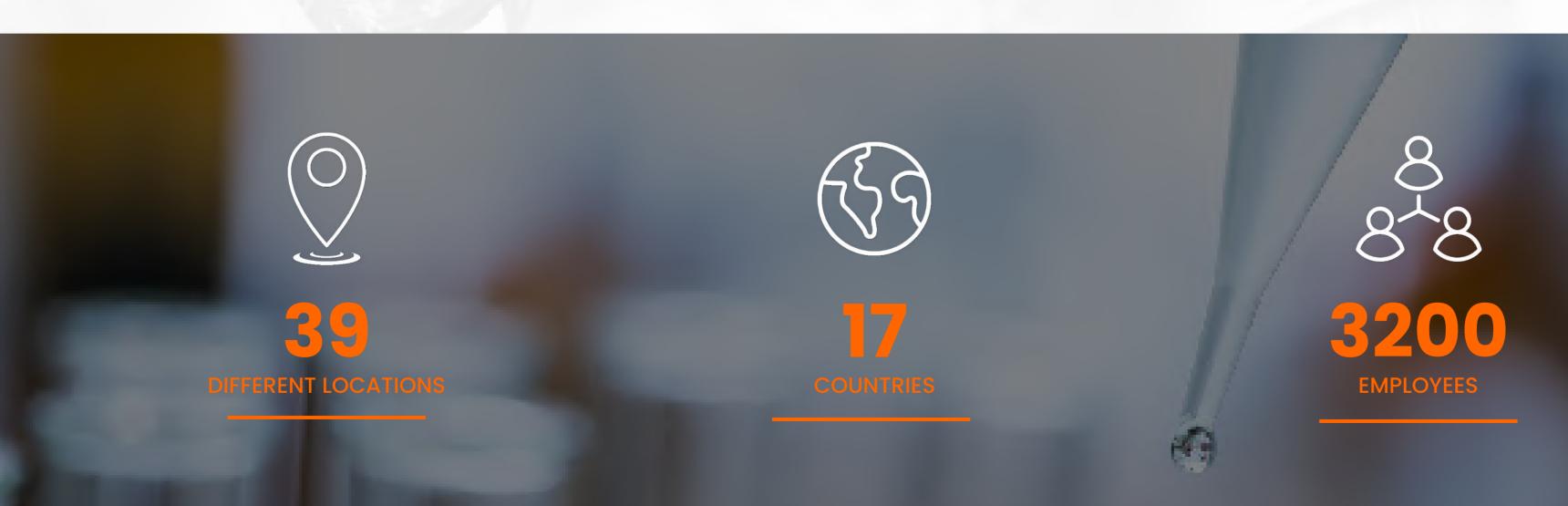
# PCC GROUP GENERAL INFORMATION

#### INTERNATIONAL HOLDING

## OCC Exol

#### **PCC GROUP IN NUMBERS**

PCC is an internationally operating group of companies under the leadership of PCC SE (formerly PCC AG) based in Duisburg, Germany.



#### INTERNATIONAL HOLDING



#### **PCC GROUP IN NUMBERS**

PCC Group sales soared from just under EUR 60.0 million in the first financial year - 1994, to EUR 1.324,7 million in 2022.

60,0mln € —→ 1.324,7mln €

1994 2022



#### **INNOVATIVE SOLUTIONS & TECHNICAL SUPPORT**



#### **PCC GROUP DIVISION**

| PCC Rokita SA | PCC Rokita SA | PCC Rokita SA          | PCC Exol SA | PCC Consumer<br>Products SA | PCC Rokita SA | PCC Intermodal SA | PCC SE  |
|---------------|---------------|------------------------|-------------|-----------------------------|---------------|-------------------|---------|
| POLYOLS       | CHLORINE      | SPECIALITY<br>PRODUCTS | SURFACTANTS | CONSUMER PRODUCTS           | ENERGY        | LOGISTICS         | HOLDING |
|               | CL            |                        | × O×        |                             |               |                   |         |

- Polyols
- Polyurethane Systems
- Chlorine
- MCAA
- Other Chlorine Downstream
- Products

- Phosphorus
- & Naphthalene Derivatives
- Alkylphenols
- Chemicals
- & Commodity trading
- Quartzite

- Anionic surfactants
- Nonionic surfactants
- Amphotric surfactants (betaines)
- Cationic surfactants
- Chemical formulations

- Household & industrial cleaners,
- Detergents and Personal Care Products
- Matches
- & firelighters

- Renewable energy
- Conventional energy
- Intermodal transport
- Road Haulage
- Rail Transport
- Investment management
- Projects
- Services



#### **ABOUT PCC EXOL**

#### **PCC EXOL IN NUMBERS**

PCC Exol is the unquestionable leader in its industry in the Eastern and East-Central Europe. Most of the production facilities and the company headquarters are located in Brzeg Dolny near Wrocław. It is here that we develop, test, and manufacture a wide range of anionic, nonionic, amphoteric surfactants and specialized industrial formulations.



We deliver products to more than **700 CUSTOMERS** 



PCC EXOL SA revenue in 2022 EUR 250 724 000



We have more than **300 EMPLOYEES** 



We supply more than
700 PRODUCTS
for various industrial applications



Our production sites
BRZEG DOLNY AND PŁOCK



Total annual production capacity 139.000 TONS



#### **ABOUT PCC EXOL SA**

## OCC Exo

#### WHO WE ARE?

We belong to the international PCC SE Capital Group. Our Company is a combination of modern technologies, experience and effective actions in the field of designing, manufacturing and sales of surfactants.

Our production plants are located in Brzeg Dolny and Płock.





#### **ABOUT PCC EXOL SA**

## O C C

#### PRODUCTION FACILITIES

Sulfonation plant No I (approx. 12 k t/y) anionic products

Sulfonation plant No II (approx. 30 k t/y) anionic products

Ethoxylation plant No I (approx. 30 k t/y) non-ionic products

Oxyalkylation plant (approx. 10 k t/y) EO/PO Block Copolymers

Amphoteric plant (approx. 18 k t/y)

Industrial Formulation (approx. 9 k t/y)



Ethoxylation plant No II (approx. 30 k t/y) non-ionic products

## STATE OF THE ART MANUFACTURING

#### PCC EXOL SA PRODUCTION CAPACITY





NATURAL OILS (COCONUT, RAPESEED ETC)



NATURAL FATTY ALCOHOLS

**OLEOCHEMICALS** 

#### ANIONIC, NONIONIC, CATIONIC, AMPHOTERIC SURFACTANTS

MANUFACTURING PLANTS

700
PRODUCTS & FORMULATIONS

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#### OFFER ON THE PRODUCTS PORTAL

#### **PCC EXOL SA PORTFOLIO**



#### **Detergents**

- Base surfactants
- Cleansing agents
- Emulsifiers
- Foaming agents
- Low foaming agents
- Degreasing agents
- Wetting agents



#### **Personal Care**

- Base surfactants
- Foaming agents
- Wetting agents
- Blends for cosmetics
- Thickening agents
- Cleansing agents
- Emulsifiers



#### **I&I Cleaning**

- Base surfactants
- Cleansing agents
- Corrosion inhibitors
- Degreasing agents
- Low foaming agents
- Anti-foaming agents
- Wetting agents
- Emulsifiers





#### **Pharmaceuticals**

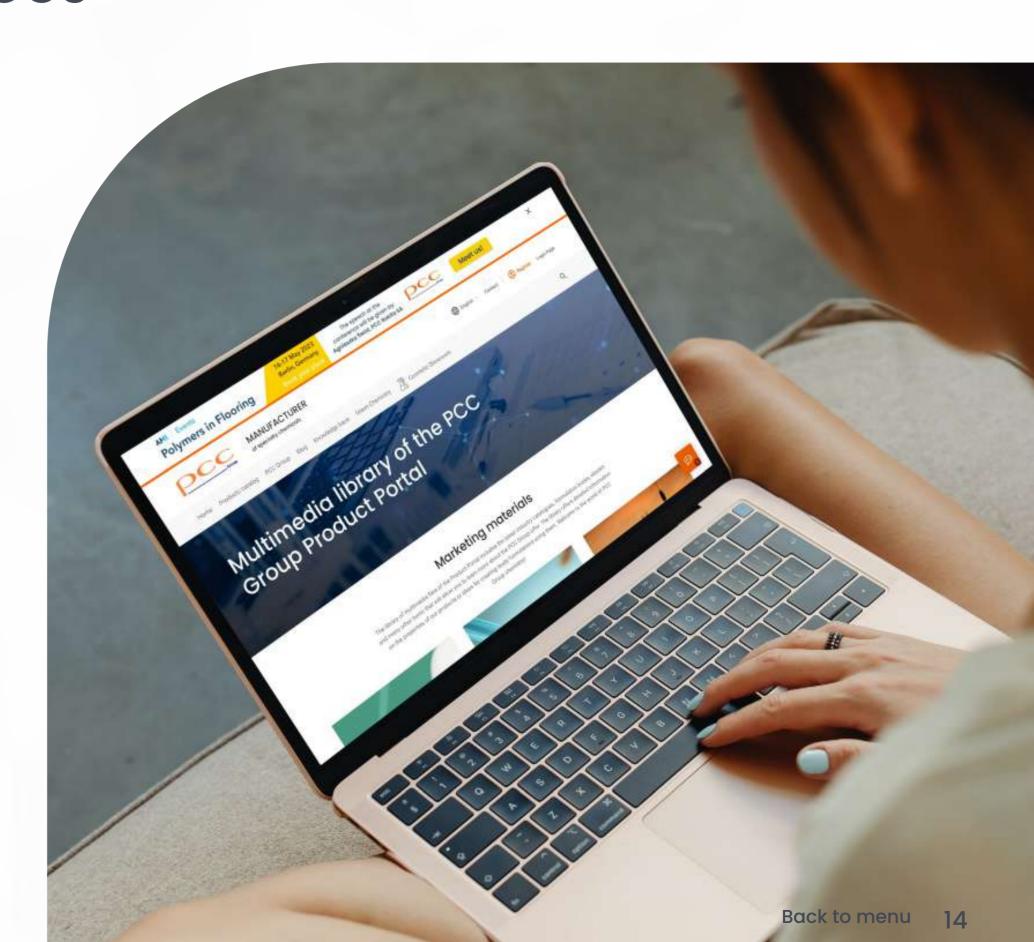
• Excipients - functional additives for pharmaceuticals final dosage forms



#### **PCC EXOL SA PORTFOLIO**

SEE OUR PRODUCTS CATALOGS & BROCHURES!

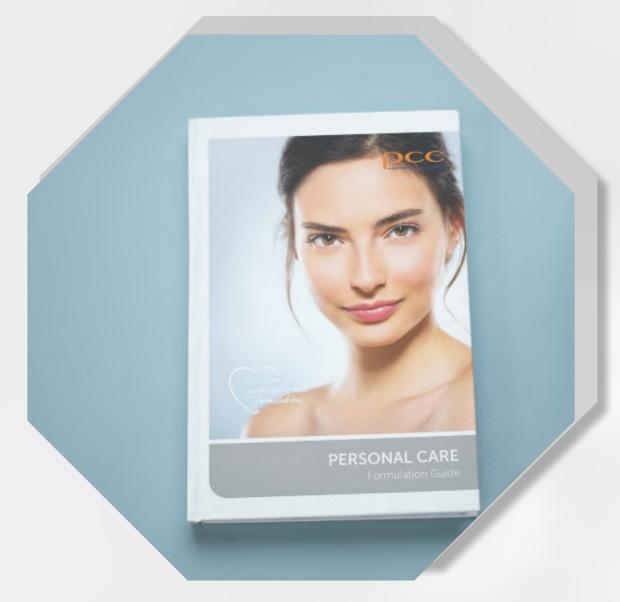




## OCC Exol

#### PCC EXOL SA PORTFOLIO

#### **FORMULATION ZONE:**



**PERSONAL CARE - FORMULATION GUIDE** 



**ADW - RAW MATERIALS AND CHEMICAL FORMULATION** 

#### PCC EXOL SA PORTFOLIO

Find our all **products** in one brochure!

Surfactants - Products Guide





#### **PCC EXOL SA PORTFOLIO**

#### **PRODUCT CATALOGS:**



**Block Copolymers** 



**EXOfos & ROKAfos Series** 



**EXOlat Series** 



ROKAcet KO400G



**ROKAnol GA Series** 



**ROKAnol NL Series** 



Solubilizers for Personal Care



Personal Care



**ROKAcet K10** formulation for cleaning



**ROKAnol GT Series** 



BioROKAmina K40HC



BioROKAmina K30B



Raw materials for pharmaceuticals



Agrochemicals



Paints&Coatings



**ROKAnol LP Series** 



Autocare - Cleaning formulation



**Dispersion & Resins** 



ROKAnol MT7/MT7E versus ROKAnol L7



**EXOfos** Metalworking fluids



Lubricants & **Metalworking Fluids** 



#### **CSR & SUSTAINABLE DEVELOPMENT**

## PCC Evol

#### **GENERAL PILLARS**

Planning long-term goals in our Company is closely connected with the guidelines resulting from the adopted Sustainable Development Policy and Social Business Responsibilty.

Development of our activity and guidelines of sustainable development interpenetrate, building a new approach to the management of our organization.

We maintain the adopted Corporate Social Responsibility & Sustainable Development Policy, which takes into account the long-term business strategy in 4 pillars:



**MARKET** 







**ORGANISATION** 

**SOCIETY** 

**ENVIRNOMENT** 



#### **GREEN - CHEMISTRY OFFER**

#### **PCC EXOL - GREENLINE PRODUCTS**

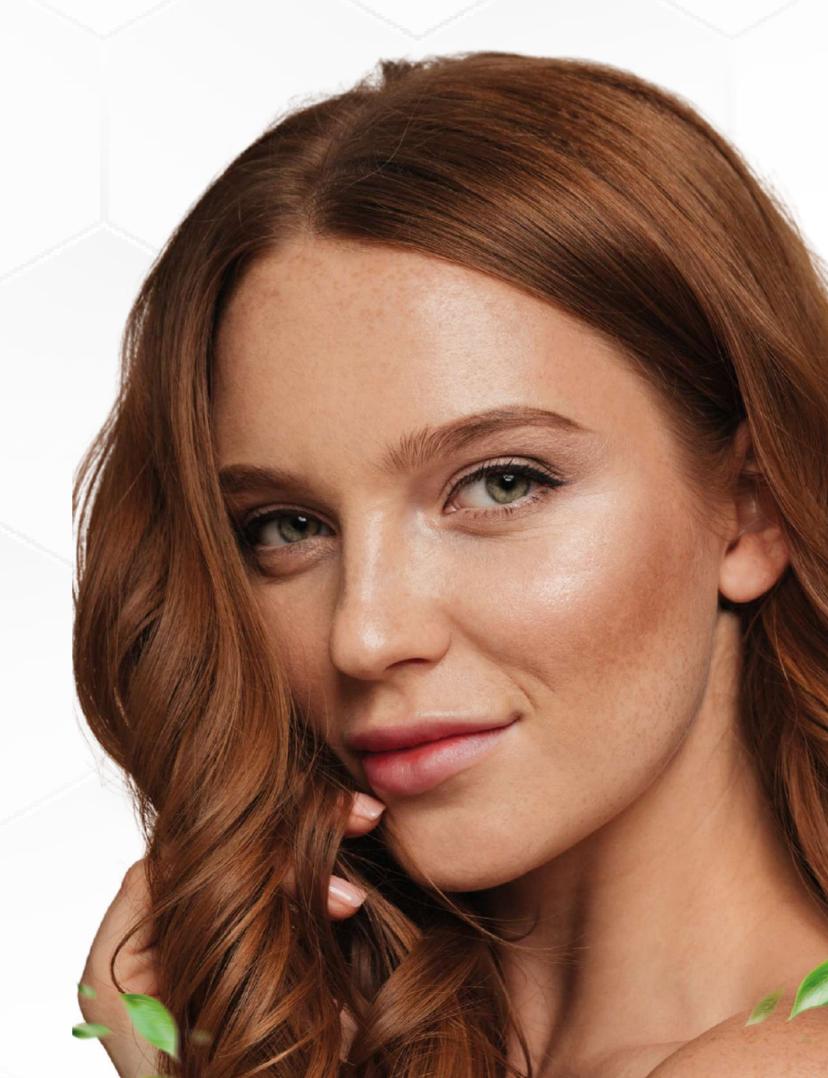
PCC Groups has been setting standards in effective planning of production processes and the use of high technologies for years. With our broad and diverse portfolio of PCC Greenline® products, we are also the leader in sustainable manufacturing.

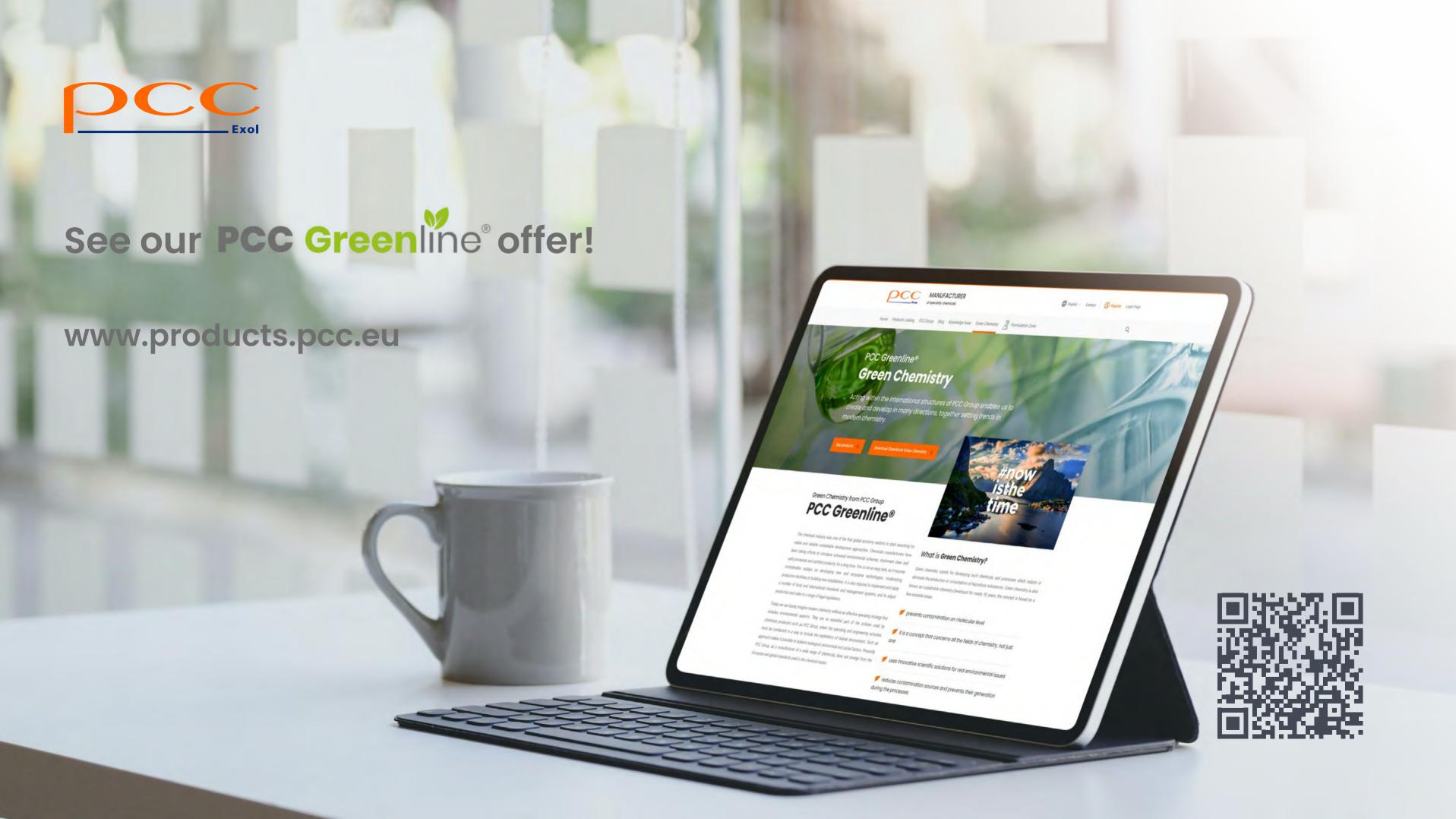
### PCC Greenline®

In the face of challenges relating to sustainable production and consumption, one of PCC EXOL's priorities in the field of extending its portfolio is to develop a range of products that match the green chemistry trend. In times when the industry is increasingly aware and responsible for the environment and climate change, a particular focus on 'green' and ecological production becomes more important than ever before. Taking part in the green transformation of global chemical industry, PCC EXOL SA offers product in the GREENLINE

#### **See our Greenline video!**









## See our Cosmetic Formulation Zone!

Discover the multimedia world of PCC Group cosmetic formulations!

Here you will find various suggestions of ready-made formulas for cosmetics and personal care products, as well as a wide range of our ingredients and additives.



