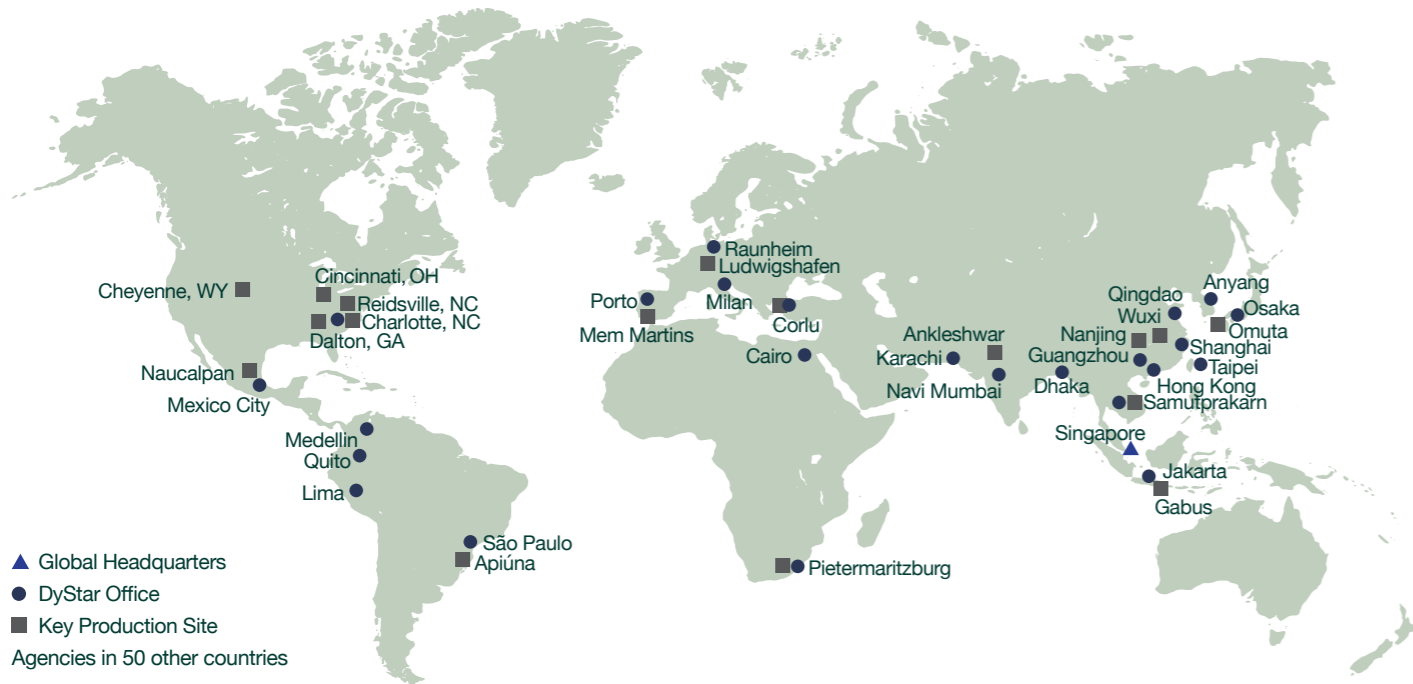


Committed to Sustainability.

At DyStar, our products and services help customers worldwide reduce costs, shorten lead times and meet stringent quality and ecological specifications.



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econfidence[®]
from DyStar

DyStar[®]

Fluorine-Free Water Repellency

The ultimate ecological solution for textiles requiring water repellency



Fluorine-free Water Repellency

Fluorine free solutions are the future of durable water repellency in the textile industry. Fluorine free chemicals do not contain perfluorinated compounds such as PFOA and PFOS which remain in the environment for a long period of time.

We offer a full range of ecological, fluorine-free products for all demands with our Evo[®] Protect D products.



Advantages

Environmental friendly

Excellent spray test performance and water repellency

Durable to washing

Breathability of fabric is fully preserved

Spray Test according to AATCC 22

Application on 100% cotton fabric	80 g/l Evo [®] Protect DWA 8 g/l Evo Protect DXL	80 g/l Evo Protect DFP 8 g/l Evo Protect DXL	80 g/l Evo Protect DRC 8 g/l Evo Protect DXL	60 g/l Evo Protect ERG
Initial	100	100	100	100
After 1 x 40°C hl	100	100	100	100
After 5 x 40°C hl	90	90	90-100	90-100
After 10 x 40°C hl	80-90	80	80	80-90
After 20 x 40°C hl	80	70	70	80

hl = Home Laundry



DyStar's Evo[®] Protect D Products:

EVO PROTECT DWA

- For application on cotton, other cellulosic fibres and blends. Also suitable for PA and PES fibers
- Cationic
- Excellent water repellency and high durability
- Suitable for Oeko-Tex[®] class 1-4
- bluesign[®] approved

EVO PROTECT DRC

- For application on cotton, other cellulosic fibers and blends
- Cationic
- Excellent water repellency, improved durability when combined with Evo Protect DXL
- Suitable for Oeko-Tex[®] class 1-4
- bluesign[®] approved
- Formaldehyde-free

EVO PROTECT DFP

- For application on cotton, other cellulosic fibres and blends
- Cationic
- Excellent water repellency, improved durability when combined with Evo Protect DXL
- Suitable for Oeko-Tex[®] class 2-4
- bluesign[®] approved
- Economic

EVO PROTECT DXL

- Highly effective cross linker to improve the wash fast durability
- Suitable for all fibres
- Non-ionic
- bluesign[®] approved
- Free of butanoxim