

Bio-Based Products

Dyes and Auxiliaries Containing Renewable Feedstock



Bio-Based Products

Bio-based products are wholly or partly derived from renewable raw materials such as plants or animals, and exclude materials embedded in geological formations or fossilized material i.e., fossil fuel derived products.

From Crude Oil to Biomass – The Benefits:

- ✓ Bio-based products can lower the environmental impact by using renewable feedstocks
- ✓ Using bio-based products lowers the dependence on fossil fuels, which is a finite resource
- ✓ Bio-based products support a circular economy

DyStar's Bio-Based* Auxiliaries

Product	Function
Sera[®] Gal P-LP	Dispersing and leveling agent for polyester fibers
Sera Gal P-SDL	Dispersing and leveling agent with emulsifying properties for polyester fibers Part of the Cadira [®] Polyester module
Sera Gal P-SDM	Dispersing and leveling agent with emulsifying properties for polyester fibers Part of the Cadira [®] Polyester and Cadira PES/Cellulosic Exhaust module
Sera Gal P-RDL	Dispersing agent with leveling properties for the dyeing of polyester fibers
Sera Gal N-FS	Levelling agent for dyeing polyamide with acid and 1:2 metal-complex dyes
Sera Con P-RCN	Liquid reducing agent for reduction clearing of polyester dyeings Part of the Cadira [®] Polyester module
Sera Con C-SDR	Liquid reducing agent for dyeing with sulphur dyes. Can be used to prevent over-reduction of vat dyes
Sera Lube M-LC	Highly concentrated anti-creasing agent
Sera Lube M-LS	Anti-creasing agent
Sera Fast N-HFB	Bisphenol-free aftertreatment agent for polyamide dyeings
Evo[®] Protect DWU	High performance, fluorine-free water repellent for cellulosic as well as synthetic fibers and their blends
Evo Protect DWR	High performance, fluorine-free water repellent for cellulosic as well as synthetic fibers and their blends
Evo Soft VNI	Fatty acid compound softener for natural and synthetic fibers
Evo Soft ANI	Fatty acid softener for natural and synthetic fibers
Evo Soft NP 100	Highly concentrated, fatty acid softener flakes for natural and synthetic fibers
Evo Soft UC 100	Highly concentrated, cationic fatty acid softener flakes for natural and synthetic fibers

DyStar's Bio-Based* Disperse Dyes for the Dyeing of Polyester Fibres

Product	Product	Product
Dianix[®] Black XF2	Dianix Red CBN-SF	Dianix Turquoise S-BG
Dianix Black XF2 300 %	Dianix Red E-FB 01	Dianix Turquoise XF2
Dianix Black XF3 300 %	Dianix Red XF2	Dianix Turquoise XF new
Dianix Blue E-R 150 %	Dianix Royal XF2 new	Dianix Yellow Brown S-2R 150 % new
Dianix Blue XF2	Dianix Rubine XF2	Dianix Yellow Brown XF
Dianix Dark Blue XF2	Dianix Rubine XFS	Dianix Yellow E-3GE
Dianix Deep Red XF2	Dianix Scarlet XF	Dianix Yellow XF2
Dianix Navy XF2	Dianix Sport Red SFN	

* The term "bio-based" is used for products that contain at least 20% biomass content by weight in the form of biomass-derived carbon. The percentage is determined by calculating the bio-based carbon content in relation to the total carbon content. You can find the latest update of all bio-based products on our online platform eliot[®].