

Wool dyes

No matter who your wool supplier is and what your requirements are – DyStar is the ideal partner





Our new range of wool dyes meets all requirements

The history of wool dyeing is a story of innovation. The aim has always been to develop new dyes and application processes which improve quality and fastness properties. The discovery of acid dyes was followed by afterchroming dyes, metal-complex dyes and reactive dyes. DyStar's product ranges bring together the expertise of its parent companies – Bayer, BASF and Hoechst. Through intensive research and process optimisation, DyStar makes a major contribution to the continued development of wool dyes.

As the world's leading supplier of textile dyes, DyStar markets a full range of modern, high-quality dyes for wool covering all dye classes. Integrating BASF's textile dyes has expanded our product range to include dyes of the former Palatin and Acidol M (now Isolan 2S) ranges.



The new Supralan product range simplifies dye selection

To help our customers select the right dyes from our extensive product ranges, we have developed the new Supralan range. Supralan dyes meet rising demands for versatile, economical and high-quality dyes.

At the same time, our wool dyes have been restructured by including additional dyes and renaming others. The result is a more clearly structured product offer. An overview of the old and new names can be found at the end of this brochure.

DyStar provides a full range of dyes to meet all requirements in the dyeing of wool – from high-quality and economical standard dyes to innovative problem-solvers.

Benefits at a glance

- The world's most extensive range of dyes
- DyStar invests in in-house R&D to develop new dyes and application processes
- The combined expertise of the former leading dye suppliers (Bayer, BASF and Hoechst)
- Trained and experienced representatives in all major markets
- High quality standards worldwide

DyStar's wool dyes at a glance

NEW Supralan®

The new cost-effective all-round dye range

A new product range for reliable and economical dyeing of wool in all make-up forms. The Supralan range comprises 1:2 metal-complex and acid (milling) dyes. The dyes cover virtually the whole colour spectrum. Supralan dyes can be used in all common application processes and help our customers respond quickly to changing market requirements.

Realan®

Metal-free dyes with very good wet fastness properties

Reactive dyes for black and navy blue, brilliant shades and machine washable wool (e.g. Hercosett articles). Realan dyes are gaining ground in wool dyeing and are a focal point of research and development at DyStar.

Diamond

For top fastness properties

Well-established afterchroming dyes for excellent fastness requirements. These dyes have very good processing and wear fastness properties and are suitable for dyeing loose stock, tops and piece goods. DyStar offers its customers ecologically optimised recipes and application procedures.

Palatin®

Established range of dyes for piece dyeing

1:1 metal-complex dyes with very good dye penetration and levelling properties. Especially suitable for dyeing dense fabric qualities.

Isolan® – Telon®

Proven dyes for wool in all make-up forms

Isolan: All the 1:2 metal-complex dyes marketed by DyStar are grouped together in this product range. Isolan dyes are subdivided on the basis of the number of sulpho groups, which determine their migration and fastness properties.

Telon: This product range brings together all the acid dyes marketed by DyStar. The dye name indicates the type of dye. This product range covers the whole spectrum of acid dyes from levelling to milling dyes.



Application

DyStar offers the widest choice of dyes for wool, wool blends and silk. Our product ranges are geared to specific articles and applications to help customers obtain reliable results.

Core ranges

Supralan 1:2 metal-complex and acid (milling) dyes

Realan Reactive dyes

Diamond Afterchroming dyes

Palatin 1:1 metal-complex dyes

Additional ranges

Isolan, Isolan S, Isolan 2S 1:2 metal-complex dyes

Telon, Telon W/A, Telon S-WP, Telon M Acid dyes

Core ranges	Men's/ladies' outerwear			Knitwear			Furnishing fabrics			Carpets		
	T	Y	P	T	Y	P	T	Y	P	T	Y	P
Supralan	●	●	●	●	●	●	●	●	●	●	●	◐
Realan	●	●	—	●	●	—	◐	◐	—	◐	◐	—
Diamond	●	◐	●	●	◐	●	●	◐	●	●	◐	◐
Palatin	—	◐	●	—	◐	●	—	◐	●	—	●	◐

Additional ranges

Isolan	●	●	◐	●	●	◐	●	●	◐	●	●	◐
Isolan S	●	●	◐	●	●	◐	●	●	◐	●	●	◐
Isolan 2S	●	●	◐	●	●	◐	●	●	—	●	●	—
Telon	—	◐	●	—	◐	●	—	●	●	—	●	●
Telon W / Telon A	—	●	●	—	●	●	—	◐	◐	—	◐	◐
Telon S-WP	◐	●	●	◐	●	●	◐	●	●	◐	●	●
Telon M	●	●	◐	●	●	◐	●	●	◐	●	●	◐

T = Tops/loose stock
Y = Yarn
P = Piece goods

● = Suitable
◐ = Limited suitability
— = Not recommended

Alphabetical list of products in the new integrated wool dye range

Old name	New name
Acidol Bordeaux M-B	Isolan Bordeaux 2S-B
Acidol Brown M-BL	Isolan Brown 2S-BL
Acidol Dark Blue M-TR	Isolan Dark Blue 2S-GL
Acidol Olive M-BGL	Isolan Olive 2S-BGL
Acidol Red M-BR	Isolan Red 2S-BR
Acidol Scarlet M-L	Isolan Scarlet 2S-L
Acidol Yellow M-2GLN	Isolan Yellow 2S-GLN
Acidol Yellow M-5RL	Isolan Yellow 2S-RL
Diamond Black PBB 200%	No change
Diamond Black PLC	No change
Diamond Black PV 200%	No change
Diamond Chrome Sky Blue B 150%	No change
Diamond Fast Blue BL	No change
Diamond Fast Brown KE	No change
Diamond Fast Dark Blue RRL	No change
Diamond Navy Blue RRN	No change
Isolan Black S-BGL	No change
Isolan Blue 3GL	No change
Isolan Bordeaux R 220%	No change
Isolan Bordeaux S-BLN	No change
Isolan Brown K-3GLS 150%	No change
Isolan Brown S-GLN	No change
Isolan Brown S-RL	No change
Isolan Grey K-PBL 200%	No change
Isolan Grey S-GL	Supralan Grey S-GL
Isolan Green S-GLN	Supralan Green S-GLN
Isolan Navy Blue S-RL	Supralan Navy Blue S-RL
Isolan Olive S-G	No change
Isolan Orange K-RLS 150%	No change
Isolan Orange S-RL	Supralan Orange S-RL
Isolan Red S-RL	Supralan Red S-RL
Isolan Scarlet K-GLS 150%	No change
Isolan Yellow GRL	No change
Isolan Yellow K-GLN 250%	No change
Isolan Yellow K-PRL 200%	No change
Isolan Yellow S-GL	No change
NEW	Diamond Yellow CHF
NEW	Diamond Grey CHF
NEW	Diamond Red CHF
NEW	Supralan Yellow C-2R
NEW	Supralan Red C-G
NEW	Supralan Blue 2R
NEW	Supralan Dark Blue S-G
NEW	Supralan Grey C-G
NEW	Supralan Black S-B
Palatin Black WAN	Optimised Formulation
Palatin Blue GG	Optimised Formulation
Palatin Navy Blue 2RLB	Optimised Formulation
Palatin Navy Blue RN	Optimised Formulation
Palatin Orange G	Optimised Formulation
Palatin Pink BN	Optimised Formulation
Palatin Red GRE	Optimised Formulation
Palatin Yellow GR	Optimised Formulation

Old name	New name
Realan Black EHF gran	No change
Realan Black G gran	No change
Realan Blue B gran	No change
Realan Blue RC gran	No change
Realan Golden Yellow RC 150% gran	No change
Realan Navy Blue BG	No change
Realan Navy Blue R gran	No change
Realan Red B gran	No change
Realan Red G	No change
Realan Red RC gran	No change
Realan Turquoise G	No change
Realan Yellow 3G	No change
Sirius Turquoise GL	Realan Turquoise GL
Supranol Black VLG	Telon Black M-VLG
Supranol Blue 3GLW	Telon Blue M-3GLW
Supranol Blue BLW	Telon Blue M-BLW
Supranol Blue RLW	Telon Blue M-RLW
Supranol Blue S-WP	Telon Blue S-WP
Supranol Blue GLW	Supralan Blue GLW
Supranol Golden Yellow S-WP	Telon Golden Yellow S-WP
Supranol Green BW	Supralan Green BW
Supranol Green 6GW	Telon Green M-6GW
Supranol Orange GSN	Telon Orange M-GSN
Supranol Red 3B	Telon Red M-3B
Supranol Red 6BW	Telon Red M-6BW
Supranol Red BL	Telon Red M-BL
Supranol Red GWN	Supralan Red GWN
Supranol Red R	Telon Red M-R
Supranol Red S-WP	Telon Red S-WP
Supranol Rubine S-WP	Telon Rubine S-WP
Supranol Turquoise 5G	Telon Turquoise M-5G
Supranol Violet RWN	Supralan Violet RWN
Supranol Yellow 4GL	Supralan Yellow 4GL*
Supranol Yellow S-WP	Telon Yellow S-WP
Telon Black LD / LDN / LDN liq	Isolan Black 2S-LD/LDN/LDN liq
Telon Black LGN liq	Isolan Black 2S-LGN liq
Telon Blue A3GL	No change
Telon Blue AFN	No change
Telon Blue AGLF	No change
Telon Blue BRL micro	No change
Telon Blue GGL	No change
Telon Blue GW	No change
Telon Blue RR	No change
Telon Brown 3G	No change
Telon Red A2FR	No change
Telon Red BN	No change
Telon Red BRL micro	No change
Telon Red FRL micro	No change
Telon Red GGW	No change
Telon Red GW	No change
Telon Violet 3R	No change
Telon Yellow A3GL	No change
Telon Yellow FG	No change
Telon Yellow GW micro	No change
Telon Yellow RLN micro	No change

* Also part of the Telon M range (dual name).

Overview of the new product ranges

Core ranges

New name	Old name
Supralan	
Supralan Yellow 4GL	Supranol Yellow 4GL
Supralan Yellow C-2R	NEW
Supralan Orange S-RL	Isolan Orange S-RL
Supralan Red GWN	Supranol Red GWN
Supralan Red C-G	NEW
Supralan Red S-RL	Isolan Red S-RL
Supralan Violet RWN	Supranol Violet RWN
Supralan Blue GLW	Supranol Blue GLW
Supralan Blue 2R	NEW
Supralan Dark Blue S-G	NEW
Supralan Navy Blue S-RL	Isolan Navy Blue S-RL
Supralan Green BW	Supranol Green BW
Supralan Green S-GLN	Isolan Green S-GLN
Supralan Grey C-G	NEW
Supralan Grey S-GL	Isolan Grey S-GL
Supralan Black S-B	NEW

Realan	
Realan Yellow 3G	No change
Realan Golden Yellow RC 150% gran	No change
Realan Red G	No change
Realan Red RC gran	No change
Realan Red B gran	No change
Realan Blue B gran	No change
Realan Blue RC gran	No change
Realan Turquoise G	No change
Realan Turquoise GL	Sirius Turquoise GL
Realan Navy Blue BG	No change
Realan Navy Blue R gran	No change
Realan Black G gran	No change
Realan Black EHF gran	No change

Diamond	
Diamond Yellow CHF	NEW
Diamond Red CHF	NEW
Diamond Fast Brown KE	No change
Diamond Chrome Sky Blue B 150%	No change
Diamond Fast Blue BL	No change
Diamond Navy Blue RRN	No change
Diamond Fast Dark Blue RRL	No change
Diamond Grey CHF	NEW
Diamond Black PBB 200%	No change
Diamond Black PV 200%	No change
Diamond Black PLC	No change

Palatin	
Palatin Yellow GR	Optimised Formulation
Palatin Orange G	Optimised Formulation
Palatin Red GRE	Optimised Formulation
Palatin Pink BN	Optimised Formulation
Palatin Blue GG	Optimised Formulation
Palatin Navy Blue 2RLB	Optimised Formulation
Palatin Navy Blue RN	Optimised Formulation
Palatin Black WAN	Optimised Formulation

Additional ranges

New name	Old name
Isolan	
Isolan Yellow K-GLN 250%	No change
Isolan Yellow GRL	No change
Isolan Yellow K-PRL 200%	No change
Isolan Orange K-RLS 150%	No change
Isolan Scarlet K-GLS 150%	No change
Isolan Bordeaux R 220%	No change
Isolan Brown K-3GLS 150%	No change
Isolan Blue 3GL	No change
Isolan Grey K-PBL 200%	No change

Isolan S	
Isolan Yellow S-GL	No change
Isolan Bordeaux S-BLN	No change
Isolan Brown S-GLN	No change
Isolan Brown S-RL	No change
Isolan Olive S-G	No change
Isolan Black S-BGL	No change

Isolan 2S	
Isolan Yellow 2S-GLN	Acidol Yellow M-2GLN
Isolan Yellow 2S-RL	Acidol Yellow M-5RL
Isolan Scarlet 2S-L	Acidol Scarlet M-L
Isolan Red 2S-BR	Acidol Red M-BR
Isolan Bordeaux 2S-B	Acidol Bordeaux M-B
Isolan Brown 2S-BL	Acidol Brown M-BL
Isolan Olive 2S-BGL	Acidol Olive M-BGL
Isolan Dark Blue 2S-GL	Acidol Dark Blue M-TR
Isolan Black 2S-LD / LDN / LDN liq	Telon Black LD / LDN / LDN liq
Isolan Black 2S-LGN liq	Telon Black LGN liq

Telon	
Telon Yellow FG	No change
Telon Yellow RLN micro	No change
Telon Brown 3G	No change
Telon Red FRL micro	No change
Telon Red BRL micro	No change
Telon Red BN	No change
Telon Violet 3R	No change
Telon Blue RR	No change
Telon Blue BRL micro	No change
Telon Blue GGL	No change

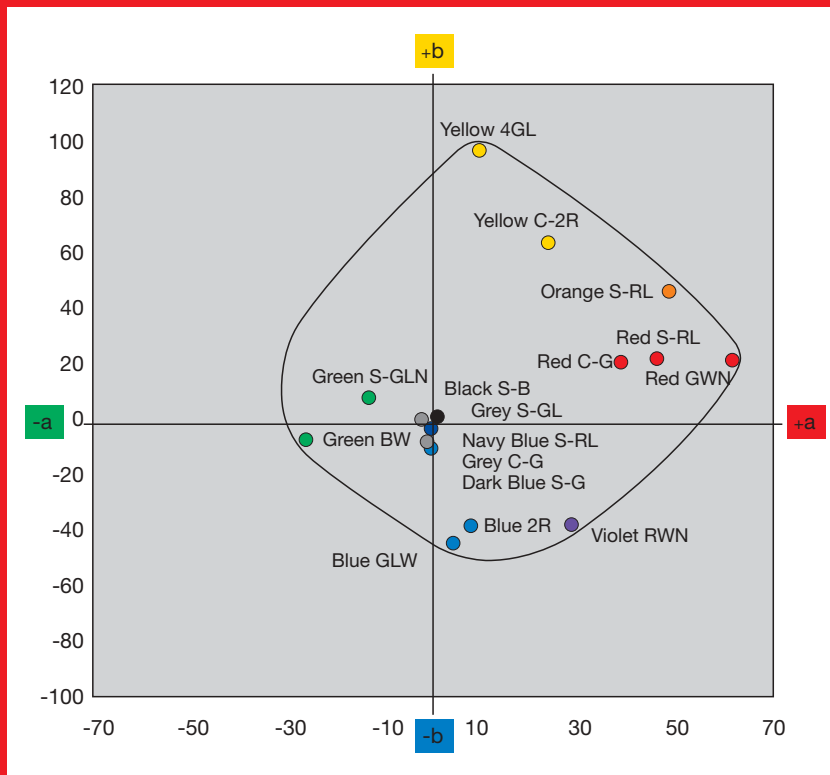
Telon W / Telon A	
Telon Yellow A3GL	No change
Telon Yellow GW micro	No change
Telon Red GGW	No change
Telon Red GW	No change
Telon Red A2FR	No change
Telon Blue GW	No change
Telon Blue AGLF	No change
Telon Blue AFN	No change
Telon Blue A3GL	No change

Telon S-WP	
Telon Yellow S-WP	Supranol Yellow S-WP
Telon Golden Yellow S-WP	Supranol Golden Yellow S-WP
Telon Red S-WP	Supranol Red S-WP
Telon Rubine S-WP	Supranol Rubine S-WP
Telon Blue S-WP	Supranol Blue S-WP

Telon M	
Telon Yellow M-4GL	Supranol Yellow 4GL
Telon Orange M-GSN	Supranol Orange GSN
Telon Red M-R	Supranol Red R
Telon Red M-3B	Supranol Red 3B
Telon Red M-6BW	Supranol Red 6BW
Telon Red M-BL	Supranol Red BL
Telon Blue M-RLW	Supranol Blue RLW
Telon Blue M-BLW	Supranol Blue BLW
Telon Blue M-3GLW	Supranol Blue 3GLW
Telon Turquoise M-5G	Supranol Turquoise 5G
Telon Green M-6GW	Supranol Green 6GW
Telon Black M-VLG	Supranol Black VLG

NEW Supralan

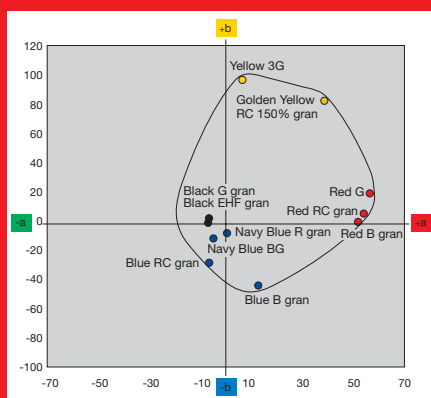
1:2 metal-complex and acid (milling) dyes



- Wide range of dyes
- Reliable and economical application
- Versatile products
- High wet and light fastness
- Good levelling of differences in the quality of wool

Realan

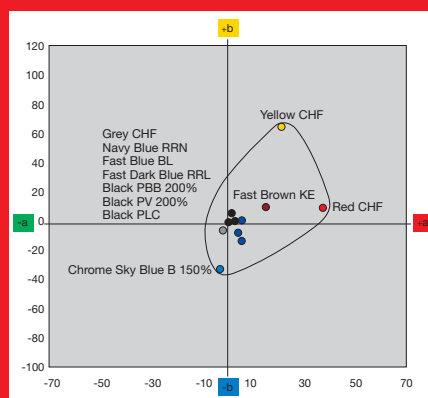
Reactive dyes



- Excellent processing fastness
- Range of brilliant dyes
- Ecological and economical alternatives

Diamond

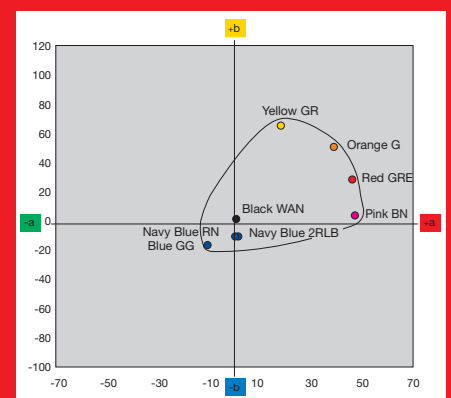
Afterchroming dyes



- Excellent processing fastness
- Good levelling properties

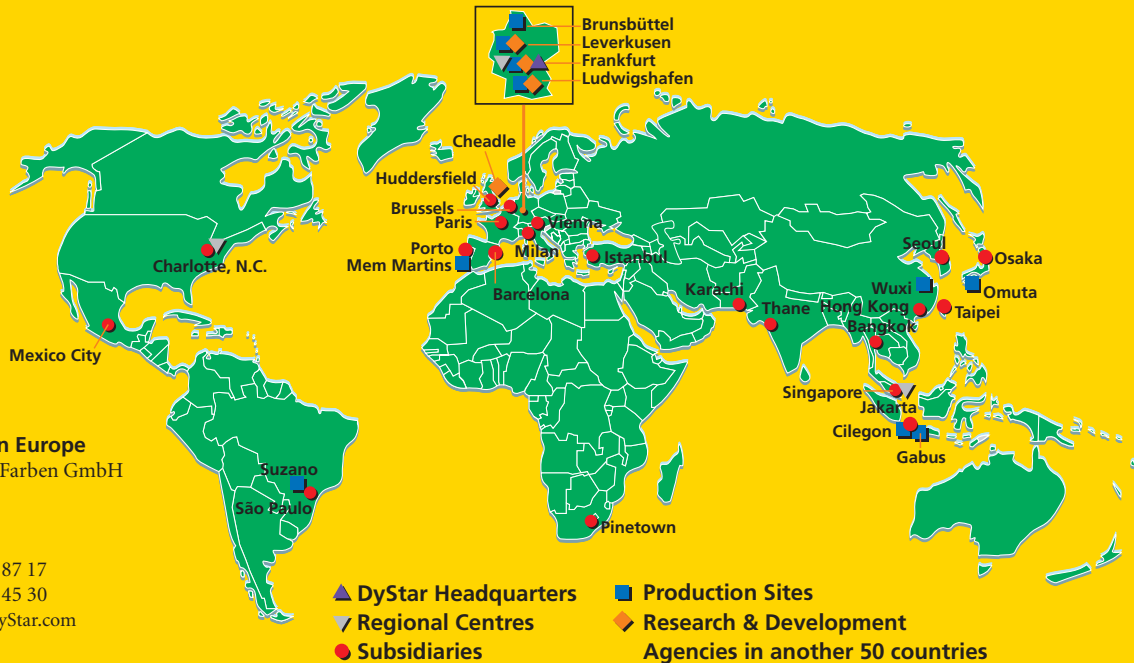
Palatin

1:1 metal-complex dyes



- Very good levelling power
- Excellent penetration power
- Good fastness properties

A full range of products, global service and ongoing innovation create tangible benefits for our customers. Worldwide.



● **Austria/Eastern Europe**
 DyStar Bencolor Farben GmbH
 Akaziengasse 30
 Postfach 42
 1234 Vienna
 Tel.: ++43-1-699 87 17
 Fax: ++43-1-699 45 30
 DyStar.Austria@DyStar.com

● **Belgium**
 S.A. DyStar Benelux N.V.
 Avenue Louise 143
 Louizalaan
 1050 Brussels
 Tel.: ++32-2-5 35-64 70
 Fax: ++32-2-5 35-64 73
 DyStar.Benelux@DyStar.com

● **Brazil**
 DyStar Ltda.
 Rua Alexandre Dumas, 1711-2º andar
 04717-004 – Chác. Sto. Antônio
 São Paulo / SP
 Tel.: ++55-11-51 85 41 73
 Fax: ++55-11-51 85 42 24
 DyStar.Brazil@DyStar.com

● **China/Hong Kong**
 DyStar China Ltd.
 18/F, Yen Sheng Centre
 64 Hoi Yuen Road
 Kwun Tong, Hong Kong
 Tel.: ++85-2-29 55 33 88
 Fax: ++85-2-29 55 11 88
 DyStar.China@DyStar.com

● **France**
 DyStar France s.a.r.l.
 30, avenue Edouard Belin
 92566 Rueil Malmaison Cedex
 Tel.: ++33-1-41 39 12 20
 Fax: ++33-1-41 39 12 49
 DyStar.France@DyStar.com

● **Germany**
 DyStar Vertrieb D-A-CH/Nordica
 65926 Frankfurt am Main
 Tel.: ++49-69-2109-23 10
 Fax: ++49-69-2109-26 06
 DyStar.Germany@DyStar.com

● **India**
 DyStar India Limited
 Mumbai - Agra Road
 Balkum, Thane 400 608
 Tel.: ++91-22-25 41 09 99
 Fax: ++91-22-25 41 18 34
 DyStar.India@DyStar.com

● **Indonesia**
 PT DyStar Colours Indonesia
 Menara Global Building
 22nd Floor
 Jln. Gatot Subroto Kav. 27
 Jakarta 12930
 Tel.: ++62-21-527 05 50
 Fax: ++62-21-527 05 20
 DyStar.Indonesia@DyStar.com

● **Italy**
 DyStar Italia S.r.l.
 Via delle Groane 126
 20024 Garbagnate Milanese (MI)
 Tel.: ++39-02-99 44 01
 Fax: ++39-02-99 02 83 91
 DyStar.Italy@DyStar.com

● **Japan**
 DyStar Japan Ltd.
 7-20, Azuchimachi 1-chome,
 Chuo-ku, Osaka 541-0052
 Tel.: ++81-6-62 63 66 72
 Fax: ++81-6-62 63 66 91
 DyStar.Japan@DyStar.com

● **Korea**
 DyStar Korea Ltd.
 141-28, 10th fl.
 Dong Shin Building
 Samsung-dong, Kangnam-gu.
 P.O. Box Kangnam 537
 135-090 Seoul
 Tel.: ++82-2-34 52 78 78
 Fax: ++82-2-34 52 78 76
 DyStar.Korea@DyStar.com

● **Mexico**
 DyStar de México S.A. de C.V.
 Arenal 24 – Edificio Sur – 3er. Piso
 Col. Ed-Hda. Gpe. Chimalistac
 01050-México, D.F.
 Tel.: ++52-55-5322-51 00
 Fax: ++52-55-5662-56 18
 DyStar.Mexico@DyStar.com

● **Pakistan**
 DyStar Pakistan (Private) Limited
 Bahria Complex-II, 2F
 M. T. Khan Road
 Karachi-74000
 Tel.: ++92-21-561-18 19
 Fax: ++92-21-561-16 24
 DyStar.Pakistan@DyStar.com

● **Portugal**
 DyStar Anilinas Têxteis, Lda.
 Rua Manuel Pinto de Azevedo, 626
 4100-320 Porto
 Tel.: ++351-22-6 15 31 80
 Fax: ++351-22-6 15 31 90
 DyStar.Portugal@DyStar.com

● **Singapore**
 DyStar Singapore Pte. Ltd.
 152 Beach Road
 #37-00 The Gateway East
 Singapore 189721
 Tel.: ++65-62 98 79 22
 Fax: ++65-62 95 53 08
 DyStar.Singapore@DyStar.com

● **South Africa**
 DyStar South Africa (Pty) Ltd.
 16 Henwood Road, P.O. Box 1421
 Pinetown 3610
 Tel.: ++27-31-710 65 09
 Fax: ++27-31-7 09 37 32
 DyStar.SouthAfrica@DyStar.com

● **Spain**
 DyStar Hispania, S.A.
 c/.Famadas, 37-57
 08907 Hospitalet de Llobregat
 Tel.: ++34-93-2 64 04 40
 Fax: ++34-93-2 64 04 58
 DyStar.Spain@DyStar.com

● **Taiwan**
 DyStar Taiwan Ltd.
 5th Fl., No. 196, Sec. 2
 Chien Kuo N. Road
 104 Taipei, Taiwan, R.O.C.
 Tel.: ++886-2-25 16 37 77
 Fax: ++886-2-25 16 81 99
 DyStar.Taiwan@DyStar.com

● **Thailand**
 DyStar Thai Ltd.
 193 Lake Rajada Building
 17th floor
 Ratchadapisek Road
 Klongtoey, Bangkok 10110
 Tel.: ++66-2-2 64 04 70
 Fax: ++66-2-2 64 04 74
 DyStar.Thai@DyStar.com

● **Turkey**
 DyStar Tekstil Boyalari
 Ticaret Limited Sirketi
 Merkez Efendi Mahallesi
 Yilanli Ayazma Sokak 14-16
 34020 Topkapi/Istanbul
 Tel.: ++90-212-482 01 00
 Fax: ++90-212-482 01 06
 DyStar.Turkey@DyStar.com

● **United Kingdom**
 DyStar UK Ltd.
 Pennine Business Park/Unit 2
 Bradley Road, Huddersfield
 West Yorkshire HD2 1RA
 Tel.: ++44-14-84 41 14 00
 Fax: ++44-14-84 41 14 01
 DyStar.UK@DyStar.com

● **USA**
 DyStar L.P.
 9844-A Southern Pine Boulevard
 Charlotte, NC 28273
 Tel.: ++1-704-561 30 00
 Fax: ++1-704-561 30 05
 DyStar.USA@DyStar.com