

30.05.2018

## Introductory note

### ***DyStar Textile Products Selection of March 2018 to meet the requirements of C&A Chemical Policy (RSL & MRSL) (Supplier Quality Manual / V 02 with effective date 01/01/2018)***

Within the C&A Chemical Policy (RSL & MRSL) (V 02 with effective date 01/01/2018) C&A defined mandatory requirements, handling and process flow for information and testing compliance with regard to potentially present hazardous substances in C&A products. Mandatory and recommended chemical testing for textile apparel, footwear, accessories, jewellery and toys are given. In their Restricted Substances List (RSL) they set C&A LIMIT requirements for articles produced for C&A.

DyStar has assessed its product range for textile coloration and finishing against the C&A RSL thresholds and this document indicates the suitability of each product for apparel and footwear.

Recommendations are based on our experience with well-established test methods and on dye application tests performed under standard lab conditions. It may be that these are not always representative of the conditions used by our customers. The assessment and recommendations given by DyStar therefore do not absolve the user from making their own tests and controls to ensure that the finished textile material conforms to the C&A RSL requirements. This holds especially for the requirement on extractable heavy metals, because these are influenced not only by the chemical formulations (e.g. dyestuffs) used, but mainly by many other dyeing parameters. Concerning requirements applicable for toys referring to EN71-3 (Migration of elements) please note that we can only give a warranty with respect to for product category III (scraped off – including textiles).

- |         |  |
|---------|--|
| ● Green | Suitable without limitation according to C&A RSL         |
| » Amber | Suitable with certain limitations indicated by footnotes |
| ✗ Red   | NOT recommended  |

As the world's leading manufacturer of textiles dyes and auxiliaries, DyStar shares C&A's concern for the health of its customers as well as for the environment and working conditions. With their Chemical Policy (RSL & MRSL) C&A asks its supply chain for implementation of a Manufacturing Restricted Substance List (MRSL) and refer to work of the Zero Discharge of Hazardous Chemicals (ZDHC) group.

For information on compliance of DyStar products with the Chemical Supplier Formulation Limits of the ZDHC MRSL 1.1 of December 2015 kindly refer to the respective positive list.

The use of high quality products from DyStar and the technical expertise of DyStar personnel offer customers the best assurance of meeting the high standards of the C&A requirements.

Our assessment covers products for coloration and finishing of textiles on the DyStar product range which we recommend for articles in compliance with the C&A RSL (status: March 2018).

In case of missing items or uncertainties do not hesitate to contact your sales representative.

With best regards,

Dr. Anette Weber  
Technology  
Global Product Safety & Ecology

Dr. Christine Lorkowski  
Technology  
Global Product Safety & Ecology

The downloadable pdf-document has been issued electronically and is valid without a signature.



## Overview of DyStar product ranges

### Textile Colorants

#### For cellulosic fibers

- Reactive dyes
- Direct dyes
- Vat dyes
- Dyes for Denim
- Azoic / developing dyes

Levafix<sup>®</sup>, Procion<sup>®</sup>, Remazol<sup>®</sup> and Lava Dye Sirius<sup>®</sup>  
Indanthren<sup>®</sup> Colloisol and liquid  
DyStar Indigo, Cassulfon<sup>®</sup>  
Fast dyes, Naphtol AS<sup>®</sup>, Phtalogen<sup>®</sup>

#### For polyester fibers

- Disperse dyes

Dianix<sup>®</sup>

#### For wool

- After chromed dyes
- Acid metal complex dyes
- Reactive dyes
- Acid dyes

Diamond<sup>®</sup>  
Isolan<sup>®</sup>  
Realan<sup>®</sup>  
Supralan<sup>®</sup> and Telon<sup>®</sup>

#### For polyamide

- Acid metal complex dyes
- Acid dyes
- Acid/MC dyes for fashion garment

Isolan<sup>®</sup>  
Telon<sup>®</sup>  
Lava Dye Antique

#### For acrylic fibers

- Basic dyes

Astrazon<sup>®</sup>

#### For textile printing

- Pigment preparations
- Inks for digital printing
- Printing inks (liquid)
- Powder ink concentrates

Imperon<sup>®</sup>  
Colaris<sup>®</sup>  
Jettex<sup>®</sup> A, Jettex<sup>®</sup> D and Jettex<sup>®</sup> R  
Jettex<sup>®</sup> highly purified dyes: Jettex<sup>®</sup> A and Jettex<sup>®</sup> R

#### Auxiliaries

- Pretreatment & Dyeing & Printing Auxiliaries
- Finishing Auxiliaries
- Laundry Auxiliaries

Sera<sup>®</sup>  
Evo<sup>®</sup>  
Lava<sup>®</sup>



DyStar products as per your *eliot* selection from **07.08.2018**

Postive List - C&A®

Supplier Quality Manual V 02, 4. RSL, effective date 1st January

Dyestuff	Remarks	General remarks	babywear	other textiles
Lava Cell NDF			●	●

- Green      Suitable without limitation according to C&A® RSL for apparel
- » Amber      Suitable with certain limitations indicated by Footnotes in the table
- × Red      NOT recommended



DyStar products as per your *eliot* selection from **07.08.2018**

Footnotes, Postive List - C&A®  
Supplier Quality Manual V 02, 4. RSL, effective date 1st January

#### *Committed to Sustainability*

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

Astrazon, Cassulfon, Dianix, DyStar, econfidence, eliot, Evo, Imperon, Indanthren, Isolan, Jettex, Lava, Naphtol AS, Optidye, Phtalogen, Procion, Realan, Remazol, Sera, Sirius, Supranol, Telon are registered trademarks of DyStar Colours Distribution GmbH, Germany.

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