



Aplicación y Suministros Textiles S.A

Camí Reial, 13 – 15.

Pol. Ind. Riera de Caldes

08184 - Palau – Solità i Plegamans

ASUCHEM LIMITED

R S-5266, MAHONA

GAZIPUR

Palau-Solità i Plegamans, 8 January 2018

COMPLIANCE DECLARATION ACCORDING TO “H&M GROUP CHEMICAL RESTRICTION – Manufacturing Restricted Substances (MRSL)” and “H&M GROUP RESTRICTED SUBSTANCE LIST - Apparel / Accessories / Footwear / Home Interior Textile Products (RSL)” January 2018

ASUTEX declares that, according to the best of our knowledge, the products that you consume normally and are mentioned below:

- ASUDEL BLACK M-SD
- ASUDEL BLACK SL
- ASUDEL BLUE R
- ASUDEL BORDEAUX RL 125 (contains complex bonded cobalt)
- ASUDEL BROWN GRL
- ASUDEL GREEN GGL-2
- ASUDEL GRENN GGLN
- ASUDEL GREY GL
- ASUDEL NAVY BLUE DL (could contain chrome traces)
- ASUDEL NAVY BLUE M-SB (could contain chrome traces)
- ASUDEL OLIVE GWL (could contain chrome traces)
- ASUDEL ORANGE RLN (contains complex bonded chromium – Cr III)
- ASUDEL RED GNL
- ASUDEL RED M-GR (could contain chrome traces)
- ASUDEL TURQUOISE GL (contains complex bonded copper)
- ASUDEL VIOLET M-BR
- ASUDEL YELLOW 2NL

fulfil the requirements of the “H&M GROUP RESTRICTED SUBSTANCE LIST - Apparel / Accessories / Footwear / Home Interior Textile Products”, provided that the appropriate application and consideration of our recommendations are followed

In the metal complex dyes the metal is an integral part of the dye molecule. When used as specified these dyes are able to meet the limits for the extractable heavy metals. For polyamide, polyamide blends (min 5% PA) the extractable Cr limit applies. For all other materials, chromium based dyes are not accepted, and the total Cr limits applies (page 20, footnote 24 and 26).



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The contact fastness properties and the content of extracted heavy metal of dyed or printing textiles depend on the applied technological procedure and the used material and auxiliaries. That's why we recommended to you that you check if the finished textile material fulfils the criteria on the fastness to water, saliva, perspiration and rubbing and on the content of heavy metal in the extract.

The product **ASUDEL YELLOW GL** contains 2,61% of bonded cobalt. Once applied on fabric cobalt traces could be detected >1ppm. Previous tests are recommended. Cobalt and cobalt compounds are included in Group 2 – Substances to be phased out in the whole productions site by the latest 2020. These substances must not be used in production and it must not be added to the product. Impurities at low concentration of these substances may be accepted only if technically unavoidable due to e.g. raw materials, formulations in the manufacturing process, storage or packaging.

The products mentioned in the previous page are in compliance with the "**H&M GROUP CHEMICAL RESTRICTION - MANUFACTURING RESTRICTED SUBSTANCES LIST**", as they neither contain in their composition as intentional component⁽¹⁾ the substances mentioned in this document.

- (1) Under various environmental protection and product safety regulations, directives and standard "intentionally introduced" means "deliberately utilized" during the manufactures of the components and/or for the formulations of a material or component where its continued presence is desired in the final product to provide a specific property, appearance or quality.

This certificate is valid for the edition of "**H&M GROUP RESTRICTED SUBSTANCES LIST - Apparel / Accessories / Footwear / Home Interior Textile Products**" and "**H&M GROUP CHEMICAL RESTRICTION - MANUFACTURING RESTRICTED SUBSTANCES LIST**" (January 2018). In case of a new edition of this standard, the certificate must be renewed under your request.

Signed:


APLICACION Y SUMINISTROS TEXTILES S. A

Almudena Ferrando

QUALITY AND ENVIRONMENTAL
MANAGER APLICACIÓN Y SUMINISTROS
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