



Vertilux Corporation Pty Ltd EuroBloc® Room Darkening

Room darkening blind. It is designed to meet stringent standards in light glare reduction and insulation from harmful UV rays, and has very low VOC emissions. EuroBloc™ has been developed to reduce its ecotoxicity and health impacts.

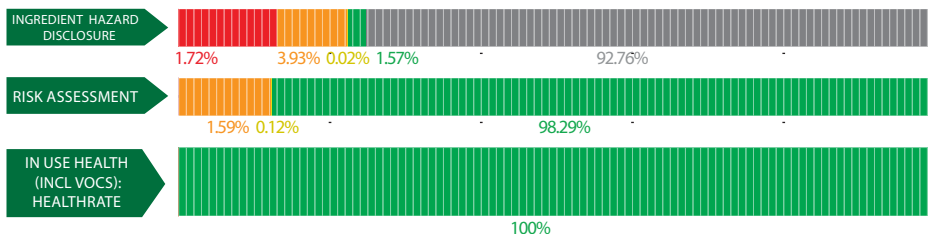
Products/Ranges:	EuroBloc® Room Darkening
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Blinds
CSI Masterformat:	12 21 23 Roll-Down Blinds
Licenced Site/s:	Stammbach Germany
Licence Number:	VER:BL08:2024:PH
Licence Date:	24th June 2019
Valid To:	17th February 2025
Standard:	GGT International v4.1
Screening Date:	19th June 2024
PHD URL:	globalgreentag.com/certificate/1634



PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed:	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL * & LEED * Material Transparency & Optimization credits included below:
- Meets Green Star * 'Buildings v1.0' as Recognized for~ Credit 9: Responsible Finishes.
- Meets IWBI * WELL * v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature 04 (Part 5); Feature 25 (Part 1, 2, 3, 4) , and, meets IWBI * WELL * v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document (Audited) for ~ X05 (Part 1); X06 (Part 2); X08 (Part 1).
- Meets USGBC LEED * v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation - Material Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Independent third party assessment for worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.

INGREDIENT HAZARD DISCLOSURE, RISK ASSESSMENT, & IN USE HEALTH, % by mass.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO

Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risks associated with any certified products, and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- substances used or created during the manufacturing process unless they remain in the final product; or
- substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH, GoldHEALTH or PlatinumHEALTH) of a PHD rating relates ONLY to a Human Health Toxicity Assessment and is declared separately and not equivalent to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels of LCARate.

1.2 Preparing a PHD

GGT PHDs are prepared in the format of a transparency document which utilizes Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS). Hazard Classifications are then risk assessed with a focus on the In Use stage for an outcome of Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the International Standard v4.0/4.1, Personal Products Standard v1.0/1.1, or Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer-reviewed by an external Consultant Toxicologist and Member of the Australasian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients, such as LEED[®] v4.0 & v4.1, WELL[®] v1.0 & v2.0, Green Star[®], the following information is declared from the audit:

Colour	Ingredient Hazard Disclosure
Green	Level 4 The hazard level of this ingredient indicates that the ingredient has no toxic hazard statements with no identified health effects.
Yellow	Level 3 The hazard level of this ingredient indicates that the ingredient is mildly toxic and/or has short/medium term reversible health effects.
Orange	Level 2 The hazard level of this ingredient indicates that the ingredient is moderately toxic and/or with a moderate health effects.
Red	Level 1 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects.
Black	Level 0 The hazard level of this ingredient indicates that the ingredient is highly toxic with a potential for severe health effects and is banned from being detectable above trace amounts in the final product.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Colour	Risk Assessment & In Use Health Assessment Outcome
Green	No Concerns The risk assessment outcomes for the hazard level and percentage of ingredient used in the product after risk assessment is considered highly unlikely and therefore without concerns.
Yellow	Human Health Comment The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low with an unlikely potential risk.
Orange	Issue of Concern or Issue of Concern Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to high with a higher than unlikely potential for risk.
Red	Red Light Comment or Red Light Comment Minimised The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered low to extremely high with a moderate potential for risk.
Dark Red	Red Light Exclusion The risk assessment outcome for the hazard level and percentage of ingredient used in the product is after risk assessment considered medium to extremely high with a likely potential for risk.
Grey	Grey Chemical Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Level 0 Hazard Level categorised chemicals such as Substances of Very High Concern in the International Standard v4.0/v4.1 and/or Petroleum, Parabens plus a wide range of additional compounds stipulated by the Personal Products Standard v1.0/1.1 and Cleaning Products Standard v1.1/1.2































Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Material: CS Staple Fibre								
Proprietary Composition	Fibre polymer	85-100%	None declared	OK				Recycled Content: None Nano Materials: None Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	Textile auxiliary	0.01-1%	None	OK				Recycled Content: None Nano Materials: None
Proprietary Composition	Spin finish component	0.01-1%	H318 (Eye Dam 1), H315 (Skin Irrit 2)	OK				Recycled Content: None Nano Materials: None The substance may be harmful if contacted by eyes or skin. However, it is water-soluble and is most likely removed during the dyeing and finishing processes. The probability that the spin finish is present in the finished product is therefore extremely low.
Proprietary Composition	Textile auxiliary	0.01-1%	H304 (Aspiration hazard), H412 (Aquatic Chronic 3)	OK				Recycled Content: None Nano Materials: None The spin finish component may be harmful if it is swallowed or inhaled. However, this is not a risk in the finished product, as the finished product contains very low amounts of this substance and the fabric is OEKO-TEX® STANDARD 100 certified.
Material: CS Filament Yarn								
Proprietary Composition	Fibre polymer	85-100%	None declared	OK				Recycled Content: None Nano Materials: None Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	UV protection	5-15%	None declared	OK				Recycled Content: None Nano Materials: None Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	Textile processing aids	1-5%	H319 (Eye Irrit. 2), H412 (Aquatic Chronic 3)	OK				Recycled Content: None Nano Materials: None The substance may be harmful if contacted by eyes. However, it is used during textile processing only and the concentration is extremely low in final products. It's very unlikely to be exposed to occupants and the fabric is OEKO-TEX® STANDARD 100 certified.
Proprietary Composition	Textile processing aids	1-5%	None declared	OK				Recycled Content: None Nano Materials: None Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: CS Filament Yarn								
Proprietary Composition	Fibre polymer	85-100%	None declared	OK				Recycled Content: None Nano Materials: None Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	Textile processing aids	1-5%	H319 (Eye Irrit. 2), H412 (Aquatic Chronic 3)	OK				Recycled Content: None Nano Materials: None The substance may be harmful if contacted by eyes. However, it is used during textile processing only and the concentration is extremely low in final products. It's very unlikely to be exposed to occupants and the fabric is OEKO-TEX® STANDARD 100 certified.
Proprietary Composition	Textile processing aids	1-5%	H307 (Acute Tox. 4 *)	OK				Recycled Content: None Nano Materials: None

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Material: Textile dye								
Proprietary Composition	Yellow pigment	0.01-1%	H411 (Aquatic Chronic 2), H317 (Skin Sens 1)	OK				Recycled Content: None Nano Materials: Unknown The substance may be harmful if contacted by skin. However, this is not a risk in the finished product, as the finished product contains very low amounts of this substance and the dyehouse is OEKO-TEX® STANDARD 100 certified.
Proprietary Composition	Dyestuff	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Red pigment	0.01-1%	H411 (Aquatic Chronic 2), H373 (STOT RE 2)	OK				Recycled Content: None Nano Materials: Unknown The substance may be harmful if it is swallowed or inhaled. However, this is not a risk in the finished product, and the concentration is really low.
Proprietary Composition	Dyestuff	0.01-1%	H319 (Eye Irrit. 2), H335 (STOT SE 3 (Resp.)), H315 (Skin Irrit 2)	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Dyestuff	0.01-1%	None	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Dyestuff	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Blue textile dye	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Coating layer								
Proprietary Composition	Industrial material	1-5%	H361f (Repr 2), H373 (STOT RE 2)	OK				Recycled Content: None Nano Materials: Unknown Potential risks associated with the manufacturing processes have been assessed. The risk in the finished product under normal use is very low. The dyehouse is OEKO-TEX® STANDARD 100 certified. Therefore, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	Industrial material	1-5%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Coating layer								
Proprietary Composition	Industrial material	1-5%	H228 (Flam Sol 1), H412 (Aquatic Chronic 3)	OK				Recycled Content: None Nano Materials: Unknown Potential risks associated with the manufacturing processes have been assessed. The risk in the finished product under normal use is very low. The dyehouse is OEKO-TEX® STANDARD 100 certified. Therefore, it is highly unlikely to cause any harm to the end-user.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary Composition	Industrial material	15-30%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Coating layer								
Proprietary Composition	Industrial material	1-5%	H361f (Repr 2), H373 (STOT RE 2)	OK				Recycled Content: None Nano Materials: Unknown Potential risks associated with the manufacturing processes have been assessed. The risk in the finished product under normal use is very low. The dyehouse is OEKO-TEX® STANDARD 100 certified. Therefore, it is highly unlikely to cause any harm to the end-user.
Proprietary Composition	Industrial material	15-30%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Lubricant								
Proprietary Composition	Lubricant composition	0.01-1%	None	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Lubricant composition	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Thickner								
Proprietary Composition	Thickner composition	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Crosslinker for coatings								
Proprietary Composition	Crosslinker	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as the amount is extremely low and there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Red to brown pigment	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as the amount is extremely low and there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Disperse dye	0.01-1%	None	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Blue pigment	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Hazard Disclosure	Risk Assessment	In Use Health Assessment	Comment
Proprietary Composition	Blue pigment	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Blue pigment	0.01-1%	None	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Red pigment	0.01-1%	None	OK				Recycled Content: None Nano Materials: Unknown
Proprietary Composition	Dyestuff	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.
Material: Textile dye								
Proprietary Composition	Yellow pigment	0.01-1%	H411 (Aquatic Chronic 2), H317 (Skin Sens 1)	OK				Recycled Content: None Nano Materials: Unknown The substance may be harmful if contacted by skin. However, this is not a risk in the finished product, as the finished product contains very low amounts of this substance and the dyehouse is OEKO-TEX® STANDARD 100 certified.
Proprietary Composition	Dyestuff	0.01-1%	None declared	OK				Recycled Content: None Nano Materials: Unknown Unknown substance is used. However, as there is no hazard declared by a signed declaration, it is highly unlikely to cause any harm to the end-user.

Comments:

VOC emissions: Below 0.5 mg/m2/hr based on ASTM D5116 test method
VOC content: Not applicable