PHD™
Product Health Declaration

Global GreenTag CertTM Certified
BRONZE HEALTH
HealthRate™

Greenworx Bio Cleaning Solution
Bio WSP Powders

Greenworx Bio Cleaning products are manufactured in an ISO 14001 certified factory and are suitable for industrial, commercial and domestic cleaning applications.

Products/Ranges:	Product ranges are listed on the last page
Product Stages Assessed:	Manufacturing + In-Use
Product Type:	Cleaning Product
CSI Masterformat:	
Licenced Site/s:	Kya Sands, South Africa
Licence Number:	GRE:KS03:2026:PH
Licence Date:	29th September 2026
Valid To:	29th September 2027
Standard:	GGT International Cleaning Product v1.2
Screening Date:	08 September 2026
PHD URL:	www.globalgreentag.co.za/certificate/2267

GREENWORX Bio Cleaning Solutions

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

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL ® credits included below:
- Meets IWBI ® WELL ® v1.0 as Recognized for ~ Feature 97 (Part 1); and, meets IWBI ® WELL ® v2.0 as Recognized for ~ X11 (Part 2).
- 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.
See over for explanation.

ASSESSMENT:

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:

i. substances used or created during the manufacturing process unless they remain in the final product; or

ii. 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 GreenTag 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
Citric Acid								
Citric acid	77-92-9	15-25%	H335, H319	Ok				The ingredient may pose a hazard if it comes into contact with the eyes or if inhaled. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Microbial Powder								
Microbial Powder		0.1-15%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Fragrance								
7-hydroxycitronellal	107-75-5	0.01-0.5%	H319, H317	Ok				The ingredient may pose a hazard if it comes into contact with the eyes or skin. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
2-benzylideneheptanal	122-40-7	0.01-0.5%	H411, H317, H413, H315, H319, H400, H335, H410, H370, H412	Ok				The ingredient may pose a hazard if it comes into contact with the eyes or skin, or if inhaled. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Proprietary	Fragrance	0.01-1%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Surfactant								
Sodium Dodecylbenzenesulfonate	25155-30-0	15-20%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Water	7732-18-5	0.01-1%	None	Ok				This substance is not hazardous. Recycled Content: None Nanomaterials: No
Inorganic salt	Surfactant	1-5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Nonionic surfactant								

Alcohols, C16-18, ethoxylated	68439-49-6	1-5%	H411	Ok				The ingredient may pose a hazard if it comes into contact with humans. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Preservative								
Potassium (E,E)-hexa-2,4-dienoate	24634-61-5	0.5-2%	H319	Ok				The ingredient may pose a hazard if it comes into contact with eyes. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Sodium Bicarbonate								
Sodium hydrogencarbonate	144-55-8	20-30%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Colourant								
Disodium 6-hydroxy-5-[(2-methoxy-4-sulphonato-m-tolyl) azo]naphthalene-2-sulphonate	25956-17-6	0.01-0.5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Colourant								
Dihydrogen (ethyl) [4-[[4-[ethyl(3-sulphonatobenzyl) amino]phenyl] (2-sulphonatophenyl)methylene] cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, aluminium salt	68921-42-6	0.01-0.5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Colourant								
Proprietary	8004-92-0	0.01-0.5%	H302, H319, H315	Ok				The ingredient may pose a hazard if it comes into contact with eyes, skin or if ingested. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Enzyme								
Amylase, α-	9000-90-2	0.01-0.5%	H334	Ok				The ingredient may pose a hazard if inhaled. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Colourant								
Proprietary	Colourant	0.01-0.5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Colourant								

Dihydrogen (ethyl) [4-[4-[ethyl(3-sulphonatobenzyl)] amino]-2'-sulphonatobenzhydrylidene] cyclohexa-2,5-dien-1-ylidene](3-sulphonatobenzyl)ammonium, disodium salt	3844-45-9	1-7%	IARC 3,	Ok				The ingredient may pose a hazard if it comes into contact with humans. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Microbial powder								
Proprietary	Microbial powder	1-5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Enzyme								
Amylase, α-	9000-90-2	1-5%	H334	Ok				The ingredient may pose a hazard if inhaled. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Processing Aid								
Proprietary	Processing aid	5-10%	H302, H317, H411	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Silicon Dioxide (Precipitated Silica)								
Silicon dioxide	112926-00-8	1-5%	H330, H372, H332, H318, H335	Ok				The ingredient may pose a hazard if it comes into contact with eyes or if inhaled. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Proprietary	Anti-caking agent	0.01-1%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Salt - Refined								
Sodium chloride	7647-14-5	30-50%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Processing aid								
Sodium sulphate	7757-82-6	60-90%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No

Proprietary	Processing aid	1-5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Defoamer								
Proprietary	Processing aid	0.01-0.5%	None	Ok				The substance is not classified as hazardous, and no risks have been identified during its manufacture or use. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label to minimize risks associated with its use. Recycled Content: None Nanomaterials: No
Emulsifying agent, surfactant								
Alcohols, C16-18, ethoxylated	68439-49-6	1-5%	H411	Ok				The ingredient may pose a hazard if it comes into contact with humans. Greenworx has ISO 14001 certification and OHS policies and procedures in place to mitigate hazards associated with the handling of chemicals. During the use stage, end users should follow the instructions provided on the product label and use hand gloves to minimize risks associated with its use. Recycled Content: None Nanomaterials: No

Comments:

H302 (Harmful if swallowed)
H312 (Acute toxicity (dermal)
H412 (Harmful to aquatic life with long-lasting effects)
H314(skin/eye damage)
H315 (Skin irritation)
H318 (Eye damage)
H319 (Causes serious eye irritation)
H317 (Allergic skin reaction)
H332 (Harmful if inhaled)
H334 (May cause allergy or asthma symptoms or breathing difficulties if inhaled)
H335 (May cause respiratory irritation)
H371 (May cause damage to organs)
H400 (Very toxic to aquatic life)
H410 (Very toxic to aquatic life with long-lasting effects)
H331 (Acute toxicity (inhalation)
H411 (Toxic to aquatic life with long-lasting effects)
H412 (Harmful to aquatic life with long-lasting effects)
H413 (Hazardous to the aquatic environment)
H370 (Causes damage to organs)

Product ranges certified in this PHD are listed below:

Bio WSP Powders:					
Blue Mac Portable Toilet Powder 200X	Blue Mac Portable Toilet Powder 200X Cherry	Bio Tech Probiotic Water Soluble Powder (WSP)	Bio Tech Probiotic Water Soluble Powder (WSP) Red	Bio Tech Probiotic Water Soluble Powder (WSP) Blue	Bio Tech Probiotic Water Soluble Powder (WSP) Yellow
Bio Tech Enzymatic Water Soluble Powder (WSP) Green	Bio Tech Dust Suppressant Powder Foaming		Bio Tech Dust Suppressant Powder Non Foaming		