



GreenWorx Cleaning Solution

Bio Tech Probio WST (Water Soluble Tablet)

Bio Tech Probio Enzymatic WST (Water Soluble Tablet)

Pro-Biotic Deep & Maintenance cleaning

Products/Ranges:

Product Stages Assessed:

Product Type:

Licenced Site/s:

Licence Number:

Licence Date:

Valid To:

Standard:

Screening Date:

PHD URL:

Bio Tech Probio WST & Bio Tech Probio Enzymatic WST

Whole of life +re-use potential

Cleaning Product

Kya Sands, South Africa

GRE:CP12:2023:PH

26th June 2023

29th May 2024

GGT International Cleaning Product v1.1

20th June 2023

<https://www.globalgreentag.co.za/getfile/13229/phd.pdf>

PHD Summary

Percentage Assessed: **100%**

Inventory Threshold:

100ppm Product Level

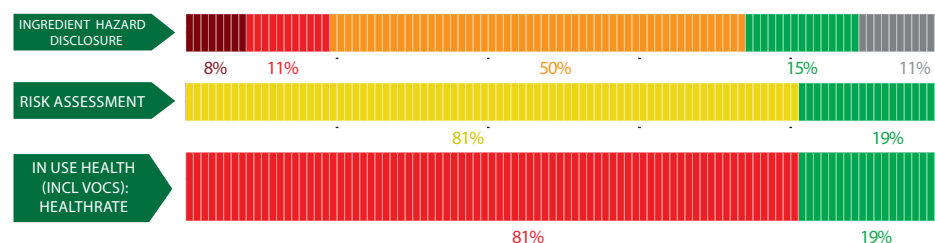
Inventory Method:

Nested Materials

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star.
- Meets WELL[™] v1.0 Features 97: Material Transparency and WELL[™] v2.0 Features – X07: Material Transparency and X08: Material Optimisation.
- No worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.
- No user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.
- No environmental exposure to Carcinogens, Mutagens, Reproductive Toxicants or Endocrine Disruptors.

ASSESSMENT:

INGREDIENT HAZARD DISCLOSURE, RISK
ASSESSMENT, & IN USE HEALTH, % by mass.
See over for explanation.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO & Program Director
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 risk 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) rating relates ONLY to GGT Standard Sustainability Assessment Criteria 3, and is declared separately to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels.

1.2 Preparing an PHD

GGT PHDs are prepared using Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and as an outcome of a successful Application for 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 Personal Products Standard v1.0/1.1, and 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 Australian 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 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

























| Colour | Ingredient Name |
|----------|---|
| Green | Ideal- Low No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context' |
| Yellow | Medium to Low Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context' |
| Orange | Moderate Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context' |
| Red | Problematic (Red): Target for Phase Hazardous ingredient with 'Red Light' or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context' |
| Dark Red | Very Problematic (Dark Red): Target for Phase Very Hazardous ingredient with 'Red Light Exclusion' concern depending on % of the ingredient, hazard level, and relevance to use context' |
| Grey | Uncategorised Not able to be categorised due to lack of toxicity impact information. |
| Black | Banned Ingredients Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards. |

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 | Exposure Category | Ingredient Assessment | Whole Of Life Assessment | In Use Health Assessment | Comment |
|-----------------------------------|----------------------------|--------------------------------|--|----------------------------------|---|---|---|--|
| Citric Acid | 77-92-9 | 50-60% | H319 (Causes serious eye irritation) | Eye irritant |  |  |  | <p>The ingredient may cause irritation when in contact with eyes.</p> <p>GreenWorx has ISO 9001,14001 certification and OHS policy/procedures in place to mitigate hazards due to handling chemicals.</p> <p>The final product is in tablet form which reduce its direct hazard to end user. The usage instructions mentioned in the product shall be followed.</p> <p>Recycled Content: None Nanomaterials: Yes</p> |
| Potassium Sorbate | 24634-61-5 | 0.5-2% | None | None |  |  |  | <p>No identifiable risk in manufacturing stage and end user stage.</p> <p>Recycled Content: None Nanomaterials: No</p> |
| P400 Salt | Micro organism concentrate | 0-1% | None | None |  |  |  | <p>No identifiable risk in manufacturing stage and end user stage.</p> <p>Recycled Content: None Nanomaterials: No</p> |
| LAS 80 (3ingredients) | | | | | | | | |
| Sodium Dodecyl Benzene Sulphonate | 25155-30-0 | 10-20% | H302 (Harmful if swallowed) H315 (Causes skin irritation) H318 (Causes serious eye damage) | Ingestion, Skin and Eye irritant |  |  |  | <p>The ingredient may cause hazard when in contact with skin and eye. It is also hazard if ingested.</p> <p>GreenWorx has ISO 9001,14001 certification and OHS policy/procedures in place to mitigate hazards due to handling chemicals.</p> <p>The final product is in solid tablet form which reduce its Hazards related to its Hstatements to the end user.</p> <p>Recycled content: None Nanomaterials: No</p> |
| Water | 7732-18-5 | 1-5% | None | None |  |  |  | <p>No identifiable risk in manufacturing stage and end user stage.</p> |
| Inorganic salt | N/A | 15-20% | H315 (Causes skin irritation) H319 (Causes serious eye irritation) | Skin & Eye irritant |  |  |  | <p>The ingredient may cause skin & Eye irritation.</p> <p>GreenWorx has ISO 9001,14001 certification and OHS policy/procedures in place to mitigate hazards due to handling chemicals.</p> <p>The final product is in solid tablet form which reduce its Hazards related to its Hstatements to the end user.</p> <p>Recycled content: None Nanomaterials: No</p> |
| Brilliant Blue Lake | Colourant | 0.1-1% | None | None |  |  |  | <p>No identifiable risk in manufacturing stage and end user stage.</p> |
| Sodium Bicarbonate | 144-55-8 | 30-40% | H302 (Harmful if swallowed) H315 (Causes skin irritation) H319 (Causes serious eye irritation) | Ingestion, Skin and Eye irritant |  |  |  | <p>The ingredient may cause hazard when in contact with skin and eye. It is also hazard if ingested.</p> <p>GreenWorx has ISO 9001,14001 certification and OHS policy/procedures in place to mitigate hazards due to handling chemicals.</p> <p>The final product is in solid tablet form which reduce its Hazards related to its Hstatements to the end user.</p> <p>Recycled content: None Nanomaterials: No</p> |

| | | | | | | | | |
|--------------------------------|--------------|--------|--|---------------------------|---|---|---|--|
| Sodium Carboxymethyl Cellulose | 9004-32-4 | 0.1-1% | None | None |  |  |  | No identifiable risk in manufacturing stage and end user stage. Recycled content: None Nanomaterials: No |
| Herbaline Frescah | Fragrance | 2-10% | H226 (Flammable liquid and vapour) H302 (Harmful if swallowed) H311 (Toxic in contact with skin) H313 (Toxic in inhaled) H314 (Causes severe skin/eye burn) H315 (Causes skin irritation) H317 (Cause skin reaction) | Skin, Eye, Lung irritant. |  |  |  | The ingredient may cause hazard (burn, irritation) if Ingested or when in contact with skin & eye. GreenWorx has ISO 9001, 14001 certification and OHS policy/procedures in place to mitigate hazards due to handling chemicals. The end user shall use proper gloves when using the product. Recycled content: None Nanomaterials: No |
| Lipase Blend | Biocatalysts | 0.1-1% | H334 (May cause allergy or asthma symptoms or breathing difficulties if inhaled) | Respiratory/Lung irritant |  |  |  | The ingredient may cause allergy or asthma symptoms of breathing difficulties if inhaled for long time. GreenWorx has OHS policy/procedures in place to mitigate hazards due to handling chemicals. The percentage ingredient in the final product is 0.20% which may not have recognisable hazard impact on the end user. The user shall follow the instructions on the product labels. Recycled content: None Nanomaterials: No |
| Protease Blend | Biocatalysts | 0.1-1% | H334 (May cause allergy or asthma symptoms or breathing difficulties if inhaled) | Respiratory/Lung irritant |  |  |  | The ingredient may cause allergy or asthma symptoms of breathing difficulties if inhaled for long time. GreenWorx has OHS policy/procedures in place to mitigate hazards due to handling chemicals. The percentage ingredient in the final product is 0.20% which may not have recognisable hazard impact on the end user. The user shall follow the instructions on the product labels. Recycled content: None Nanomaterials: No |

Comments:
Please follow the instructions according to the product label.