GLOBAL GREEN TAG INTERNATIONAL PTY LTD

PHD™
Product Health Declaration

GLOBAL GREENTAG HEALTH RATE
Platinum HEALTH
CERT TM
trust brands™

Enzyme Wizard
Bathroom / Toilet Cleaner

Enzyme Wizard Cleaning products use enzymes to break down dirt and grime on a variety of bathroom surfaces. Bathroom/Toliet Cleaner can be used straight from the container or diluted 1:10 with water before use.

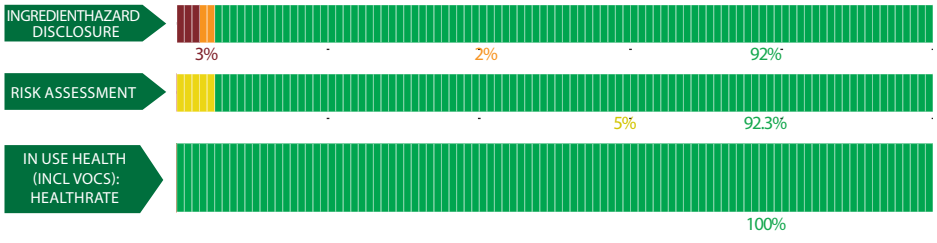
Products/Ranges:	Bathroom / Toilet Cleaner
Product Stages Assessed:	Whole of life +re-use potential
Product Type:	Cleaning Products
Licenced Site/s:	Indiana, USA
Licence Number:	ENZ:CL01:2022:PH
Licence Date:	14th December 2022
Valid To:	14th December 2024
Standard:	GGT International Cleaning Standard v1.1
Screening Date:	11th November 2022
PHD URL:	www.globalgreentag.com/certificate/13156

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

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star.
- Meets IWBI ® WELL™ v2.0 as Recognized for ~ X11 (Part 2)
- Meets Green Star ® 'Performance v1.2' as a Compliant Technical Document (Audited) for ~ Credit 21: Procurement & Purchasing (Consumables).
- Highly unlikely worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.
- Highly unlikely user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.
- Highly unlikely environmental exposure to Carcinogens, Mutagens, Reproductive Toxicants 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 & 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.

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
Material: Solvent								
Water	7732-18-5	>90%	None	None				No identifiable risk for manufacturing or use phases. Recycled Content: Unknown Nanomaterials: No
Material: Enzyme Mix								
Proprietary	Enzyme	1-5%	H315 (Skin Irrit.2) H319 (Eye Irrit. 2) H335 (STOTE SE 3) H334 (Resp Sens 1)	Dermal, Eye and Inhalation				Workplace health and safety procedures are in place during the manufacturing phase of this product which limits risk to workers. The final product is water based and inhalation is not expected to occur during normal use, minimising risks. Recycled Content: No Nanomaterials: No
Proprietary	Enzyme	1-5%	H334 (Resp Sens 1)	Inhalation				Workplace health and safety procedures are in place during the manufacturing phase of this product which limits risk to workers. The final product is water based and inhalation is not expected to occur during normal use, minimising risks. Recycled Content: No Nanomaterials: No
Proprietary	Enzyme	1-5%	H334 (Resp Sens 1)	Inhalation				Workplace health and safety procedures are in place during the manufacturing phase of this product which limits risk to workers. The final product is water based and inhalation is not expected to occur during normal use, minimising risks. Recycled Content: No Nanomaterials: No
Material: Preservative								
Tetrasodium Imino-disuccinate	144538-83-0	1-5%	Not Classified	None				No identifiable risk for manufacturing or use phases. Recycled Content: Unknown Nanomaterials: No
Material: Stabiliser								
Citric Acid Powder	77-92-9	1-5%	H19 (Eye Irrit. 2) H335 (STOT SE 3)	Ingestion and Eye				During the manufacturing phase of this product workplace health and safety procedures are in place which mini-mises worker risks. The substance's does not pose any hazards in the final product due to its low concentration. Recycle Content: No Nanomaterials: Unknown
Material: Thickener								
Xanthan Gum	11138-66-2	0.01-1%	H317 (Skin Irrit 1), H413 (Aq Chronic 4), H335 (STOT RE 3)	None				No identifiable risk for manufacturing or use phases. Recycled Content: No Nanomaterials: No
Material: Biocide								
Benzoisothiazolinone	2634-33-5	0.01-1%	H302 (Acute Tox. 4) H315 (Skin Irrit. 2) H318(Eye Dam. 1) H400 (Aquatic Acute 1)	Skin and Eye				Workplace health and safety procedures are in place during the manufacturing phase of this product This active ingredient is used in low concentrations in the final product and is not expected to be hazardous during normal use. This substance rapidly degrades in environmental conditions, minimising risk. Recycled Content: No Nanomaterials: No
Material: Stabiliser								
Sodium Formate	141-53-7	<0.1%	Not Classified	None				No identifiable risk for manufacturing or use phases. Recycled Content: Unknown Nanomaterials: No
Material: Fragrance								

Lemon Essential Oil	Fragrance	<0.01%	H315 (Skin Irrit. 2) H317(Skin Sens. 1)	Skin				During the manufacturing phase of this product workplace health and safety procedures are in place which minimises worker risks. The substance's does not pose any hazards in the final product due to its low concentration. Recycle Content: No Nanomaterials: Unknown
Material: Preservative								
Polysorbate 80	9005-65-6	<0.01%	Not Classified	Eye				No identifiable risk for manufacturing or use phases. Recycled Content: Unknown Nanomaterials: No
Material: Surfactant								
Capryly/Capryl Glucoside	68515-73-1	<0.01%	H318 (Eye Dam. 1)	None				Workplace health and safety procedures are in place during the manufacturer phase of this product. This substance is used in low concentrations in the final product and is not expected to be hazardous during normal use. Recycled Content: No Nanomaterials: No
Material: Colourant								
Carmine	1390-65-4	<0.01%	Not Classified	Eye				During the manufacturing phase of this product workplace health and safety procedures are in place which minimises worker risks. The substance's does not pose any hazards in the final product due to its low concentration. Recycle Content: No Nanomaterials: Unknown

* No GHS H-Statement classification

Comments:
Bathroom/Toilet Cleaner can be used straight from the container or diluted 1:10 with water before use. Always follow manufactures instructions.