



ECO DISTRIBUTION AFRICA Bio-Torq Probiotic

Bio-Torq Probiotic treatment-Treatment of effluent and waste water

Bio-Torq General Purpose Cleaner-Washroom and ablution cleaner, odour products.

Products/Ranges:
Product Stages Assessed:
Product Type:

Multiple products
Whole of life +re-use potential
Cleaning product

Licenced Site/s:
Licence Number:
Licence Date:
Valid To:
Standard:
Screening Date:
PHD URL:

Kya Sands, South Africa
ECO:BI01:2023:PH
27th October 2023
29th May 2024
GGT CP International v1.1
6th April 2023
<https://www.globalgreentag.co.za/getfile/13258/phd.pdf>



PHD Summary

Percentage Assessed: **100%**

Inventory Threshold:

100ppm Product Level

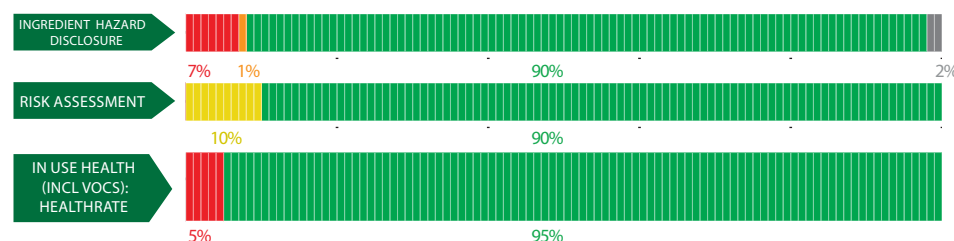
Inventory Method:

Nested Materials

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star.
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit:Option 1: Material Ingredient Reporting and Option 2 - International ACP - REACH Optimisation.
- 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.

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 a 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 |
|--------------------------------|-------------------------------|--------------------------------|--|---------------------------------------|---|---|---|--|
| Proprietary | Microenzyme | 0-1% | H318, H315, H317 H381, H400, H314 | Skin, Eye, and Aquatic life |  |  |  | The ingredient may cause irritation to skin and damage eye, thus posing a hazard when in contact. It also has detrimental effect to Environment. However, proper PPE usage when handling chemicals in manufacturing stage can mitigate the hazards associated with it. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Linear alkylbenzene sulfonates | Detergent surfactant | 1-5% | H315, H318, H412 | Skin, Eye and aquatic life |  |  |  | The ingredient may cause irritation to skin and damage eye, thus posing a hazard when in contact. It also has detrimental effect to Environment. However, proper PPE usage when handling chemicals in manufacturing stage can mitigate the hazards associated with it. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Anionic surfactant | Wetting agent/ Emulsification | 0-1% | H315, H319 | Skin and Eye |  |  |  | The ingredient may cause irritation to skin and damage eye, thus posing a hazard when in contact. However, proper PPE usage when handling chemicals in manufacturing stage can mitigate the hazards associated with it. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| C3 Alcohol ethoxylate | Surfactant | 0-1% | H318 | Eye |  |  |  | The ingredient may cause damage to eye, thus posing a hazard when in contact. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Proprietary | Thickening agent | 0-1% | None | None |  |  |  | Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Proprietary | Colourant | 0-1% | None | None |  |  |  | Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Proprietary | Fragrance | 0-1% | H312, H315, H317, H318, H319, H400, H411, H319, H332, H371, H410 | Skin, eye, respiratory, aquatic toxic |  |  |  | The ingredient may cause irritation to skin and damage eye and respiratory system, thus posing a hazard when in contact. Also have a detrimental impact to aquatic life when in contact. The product after getting diluted has low hazards associated with it. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Saliethanol | Stabilizer | 0-1% | H318, H335 | Eye and respiratory exposure |  |  |  | The ingredient may cause damage to eye and irritation to respiratory system of the factory workers when in contact. Proper PPE usage in manufacturing site mitigate the hazard associated with the ingredient. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |
| Water | 7732-18-5 | 90-95% | None | None |  |  |  | Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None |

GHS H-Statement classification:

H304 (Fatal if swallowed)
H311 (Toxic skin contact)
H314(skin/eye damage)
H315 (Skin irritation)
H317 (Allergic skin reaction)
H318(Eye damage)
H317(Allergic skin reaction)
H319 (Causes eye irritation)
H330 (Fatal if inhaled)
H335 (May cause respiratory irritation)
H350 (May cause cancer)
H373 (May cause organ damage)
H400/ H411/H412 (Very toxic to aquatic life)

Comments:

The instructions in the product label must be performed while using the product for cleaning. Use appropriate gloves while handling chemicals.