



## ECO DISTRIBUTION AFRICA Bio-Torq Products

Bio-Torq Grease trap treatment – fats, oils and grease digester, Bio-Torq Tuff Stuff – Citrus degreaser, Bio-Torq Tuff Stuff Gel Citrus degreaser gel, Bio-Torq Drain Purge – maintains and cleans drains, odour neutralizer, Bio-Torq Deep Clean – Cleans and removes organic build up, enzymatic formula

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

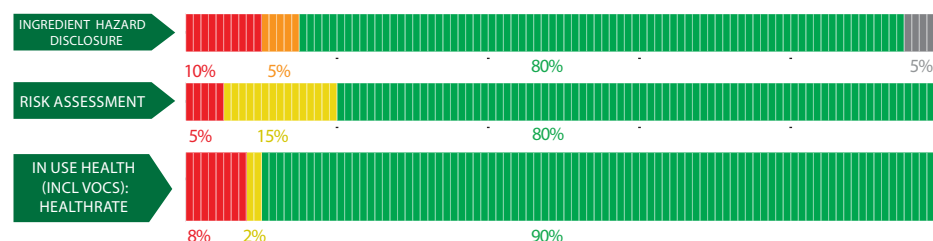
### Inventory Method:

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 to eye, thus posing as 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 the 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 to eye, thus posing as 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 the end user. Recycled Content: None Nanomaterials: None
Anionic surfactant	Emulsification	0-1%	H315, H319	Skin and Eye				The ingredient may cause irritation to skin and damage to eye, thus posing as 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 the end user. Recycled Content: None Nanomaterials: None
C3 Alcohol ethoxylate	Surfactant	0-1%	H318	Eye				The ingredient may cause damage to eye, thus posing as 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 to eye, thus posing as a hazard when in contact. Also, can cause respiratory irritation if inhaled for longer period. However, proper PPE usage when handling chemicals in manufacturing stage can mitigate the hazards associated with it. Also the percentage of ingredient in the final product is low. 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, thus posing as a hazard when in contact. Also, can cause respiratory irritation if inhaled for longer period. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Proprietary	Degumming agent	1-5%	H315, H317, H410	Skin and aquatic				The ingredient may cause irritation to skin and harmful to aquatic life. Proper OHS in manufacturing stage can reduce its harmful impacts to workers and environment. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Glycerine	Humectant	0.10-1%	H319	Eye				The ingredient may cause damage to eye, thus posing as a hazard when in contact. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None

Proprietary	Solvent	1-5%	H410	Aquatic Life				The ingredient can cause detrimental impact to aquatic life. Proper chemical handling and OHS ensures safe usage of chemicals and its discharge to environment. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Proprietary	Surfactant	1-5%	H318	Eye				The ingredient may cause damage to eye, thus posing as a hazard when in contact. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Calcium Chloride	7440-70-2	1-5%	H319	Eye				The ingredient may cause damage to eye, thus posing as a hazard when in contact. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Sodium Salt	105140-23-6	5-10%	H315, H318, H412	Skin, Eye and aquatic life				The ingredient may cause irritation to skin and damage to eye, thus posing as 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 to the workers and environment. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Sodium carbonate dense	144-55-8	0.1-1%	None	None				Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Proprietary	Enzyme	5-10%	H334	Respiratory system				The ingredient may cause irritation to factory worker's respiratory system when inhaled for longer period. Proper PPE usage mitigate this hazard. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Anionic acylic polymer	Thickening agent	1-5%	N/A	N/A				Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Enzyme	Bio catalyst	5-10%	H334	Respiratory system				The ingredient may cause irritation to factory worker's respiratory system when inhaled for longer period. Proper PPE usage mitigate this hazard. Their is no identifiable risk to end user. Recycled Content: None Nanomaterials: None
Proprietary	Surfactant	10-15%	H318	Eye				The ingredient may cause damage to eye, thus posing as a hazard when in contact. 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.  
This PHD certificate includes following products:

Bio-Torq Grease trap treatment	Bio-Torq Tuff Stuff	Bio-Torq Tuff Stuff Gel
Bio-Torq Drain Purge	Bio-Torq Deep Clean	