

PHD™

Product Health Declaration

Greenline Global Pty Ltd

GLG-3312 Series Industrial Scale Remover

Greenline Global's GLG-3312 series industrial scale remover dissolves and removes scale and rust from different surfaces- steel, aluminium, iron and stainless steel. The product cleans efficiently leaving a shiny surface, and efficiently descales filtering systems and heaters. It is also able to be used as pre-painting protective treatment for iron and steel. The products have various sizes, from 750ml to 1000L to suit both home, industrial and commercial use. The manufacturer is ISO 14001 Environmental Management System certified.

Products/Ranges:	GLG-3312 Series Industrial Scale Remover
Product Stages Assessed:	Material inputs, Manufacturing, in-use
Product Type:	Industrial degreasers
Licenced Site/s:	Kfar Saba, Isreal
Licence Number:	GAU:KS02:2024:PH
Licence Date:	17th July 2024
Valid To:	17th July 2025
Standard:	Global GreenTag Cleaning Products Standard v1.1
Screening Date:	8th May 2024
PHD URL:	http://www.globalgreentag.com/certificate/2804/

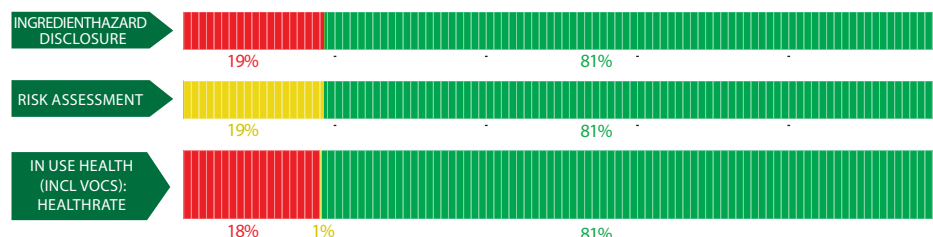


PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Meets "Green Cleaning" requirements for Green Star.
- Product Meets Optimisation requirements - No Grey or Red Light category ingredient.
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: "Building Product Disclosure and Optimisation - Material Ingredients" - 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:

- substances used or created during the manufacturing process unless they remain in the final product; or
- 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
Phosphoric acid 85%	7664-38-2	10-20%	H314(Skin Corr. 1B) H318(Eye Dam. 1) H302(Acute Tox. 4)	Skin and eye contact				The hazards of this ingredient includes: Causes severe skin burns and eye damage, May be corrosive to metals, Harmful in contact with skin. Greenline provided sufficient OHS documents to demonstrate a proper OHS system is implemented in factory. Therefore, there is very low risk to workers during the manufacturing state. When end-users clean the surface (either wipe the surface with the product or spray the surface with the product and then wipe/rinse with water), incidental contact with skin/eyes may happen. It is recommended to clean in a well-ventilated environment using protective gear to reduce the potential risk. Recycled Content: None Nanomaterials: No
C9-11 Alcohol ethoxylate	68439-46-3	0-1%	H319(Eye Irrit. 2) H412(Aquatic Chronic 3)	Skin and eye contact				The ingredient may be harmful in contact with skin, Causes serious eye damage, Toxic to aquatic life. The manufacturer is ISO 14001 certified. And Greenline provided sufficient OHS documents to demonstrate a proper OHS system is implemented in factory. Therefore, there is very low risk to workers during the manufacturing state. When end-users clean the surface (either wipe the surface with the product or spray the surface with the product and then wipe/rinse with water), incidental contact with skin/eyes may happen. It is recommended to clean in a well-ventilated environment using protective gear to reduce the potential risk. Recycled Content: None Nanomaterials: No
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride	1554325-20-0	0-1%	H302(Acute Tox. 4) H315(Skin Irrit. 2) H318(Eye Dam. 1)	Skin and eye contact, Swallow				The ingredient may be harmful if swallowed, Causes mild skin irritation, Causes serious eye damage. The manufacturer is ISO 14001 certified. And Greenline provided sufficient OHS documents to demonstrate a proper OHS system is implemented in factory. Therefore, there is very low risk to workers during the manufacturing state. When end-users clean the surface (either wipe the surface with the product or spray the surface with the product and then wipe/rinse with water), incidental contact with skin/eyes may happen. It is recommended to clean in a well-ventilated environment using protective gear to reduce the potential risk. Recycled Content: None Nanomaterials: No
Water	7732-18-5	80-90%	None	None				Recycled Content: None Nanomaterials: No

The scope of certification includes: GLG-3302, 3303, 3312, 3313, 3315, 3316, 3341, 3342, 3351, 3352, 3353, 3354, 3362, 3314, 3317, 3317, 3318, 3990.