



Logomas Packaging Sdn Bhd

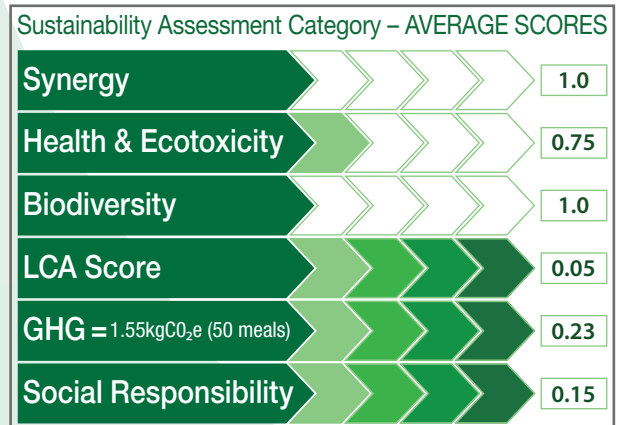
Lot 15796, Block C, Batu 6, Jalan Kebun, Seksyen 32, 40460, Shah Alam, Selangor, Malaysia

This is to Certify that the following Product/s have been found in conformance with the Global GreenTag^{Cert™} Scheme Standard for the Tier and Level noted herein:

ECOBIX® Degradable Polystyrene Lunch Boxes

[LCARate EcoPOINT 0.53]

Licensed Sites:
 Selangor, Malaysia
Licence No.:
 LOG:EB01:2018:LR
Licence Date:
 3 May 2018
Latest Revision Date:
 19 April 2021
Valid to:
 3 May 2022
GreenTag^{CERT™} Standard:
 Standard Version 4.0



Range: -1.00 to +1.00. The smaller the number, the better!



www.globalgreentag.com

David Baggs
 Chief Executive Officer
 Global GreenTag^{CERT™} Program Director



ecospecifier
GLOBAL
GREEN TAG®

green product certification
trust brands

Conditions of Licence

The conditions of licence are contained in full in the Ecospecifier Global GreenTag^{CERT™} Standard, Terms and Conditions, and Rules for the Use of the Mark Documents as sighted and/or executed by the Licensee.

In summary it is the responsibility of the licensee in particular to:

1. always comply with the relevant provisions of the GreenTag certification program;
2. make all necessary arrangements for the conduct of the future evaluation, including provision for examining documentation and access to all areas, records (including internal audit reports) and personnel for the purposes of evaluation (e.g. testing, inspection, assessment surveillance, reassessment) and resolution of complaints;
3. make claims regarding certification only in respect of the scope for which certification has been granted;
4. not use its product certification in such a manner as to bring the GreenTag into disrepute and not make any statement regarding its product certification which the certification body may consider misleading or unauthorized;
5. upon suspension or cancellation of certification, discontinue its use of all advertising matter that contains any reference thereto and returns any certification documents as required by GreenTag;
6. use certification only to indicate that products are certified as being in conformity with specified GreenTag standards;
7. endeavour to ensure that no certificate or report nor any part thereof is used in a misleading manner;
8. make comment or inclusions solely in accordance with license requirements in making reference to its product certification in communication media such as online, emails, documents, brochures or advertising;
9. Inform GreenTag of any change in the Certified product or manufacturing process that is likely to significantly affect the product's design or specification, or changes in the ownership, structure or management of the Licensee, if relevant, or any other information that indicates the product may no longer comply with the requirements of this Standard;
10. In the event of GreenTag determining changes have been made to product or supplier details and not notified to GreenTag, the Licensee will, on receipt of a GreenTag 'Notice to Rectify', immediately provide GreenTag with the required details and any fees necessary to allow recertification. Failure to do so may result in the withdrawal of the Licence. If the product Licence is withdrawn, the Licensee must, within 7 days, cease to further promulgate all product marketing, packaging, advertising or other material carrying the logo. Furthermore all material carrying the Certification Mark/s must be withdrawn within 90 days.

Revision date	Certificate number	Notes
3/05/2018	LOG-001-v1-2018	Initial certification
1/03/2019	LOG-001-v2-2018	Renewal
27/04/2020	LOG:EB01:2018:LR	Renewal
19/04/2021	LOG:EB01:2018:LR	Renewal extension

LESEN PENSIJILAN EKO-LABEL *Eco-Label Licence*



SIRIM
ECO-LABEL

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada
SIRIM QAS International Sdn. Bhd. hereby grants to

LOGOMAS PACKAGING SDN. BHD.
LOT 15796, BLOCK C
6TH MILE JALAN KEBUN
SEKSYEN 32
40460 SHAH ALAM
SELANGOR, MALAYSIA

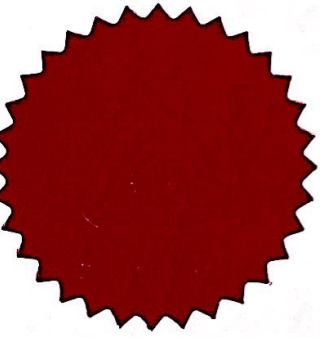
Lesen untuk menggunakan Tanda Eco-Label di atas barangan
a licence to use the Eco-Label Mark on

PHOTODEGRADABLE PACKAGING MATERIAL

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with

SIRIM ECO 001 : 2016



Nur Fadhillah binti Muhammad
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



SCHEDULE

LOGOMAS PACKAGING SDN. BHD.



**SIRIM
ECO-LABEL**

Trade Mark : LOGOMAS, ECOBOX
Model : POLYSTYRENE FOAM RIGID PACKAGING - LP 888, LP No. 1, LP 8, LP BB-8, LP 3L
Rating : FOOD APPLICATION
Type : PHOTODEGRADABLE
Size : MAX THICKNESS = 3.0 mm

Trade Mark : LOGOMAS, ECOBOX
Model : POLYSTYRENE FOAM PLATE AND TRAY - LP 9P, LP 7P, LP 5T
Rating : FOOD APPLICATION
Type : PHOTODEGRADABLE
Size : MAX THICKNESS = 3.0 mm

Trade Mark : LOGOMAS, ECOBOX
Model : POLYSTYRENE FOAM BOWL - LP 75, LP 32
Rating : FOOD APPLICATION
Type : PHOTODEGRADABLE
Size : MAX THICKNESS = 3.0 mm

Eco-Labeling Claim :

End of page

SIRIM QAS International Sdn. Bhd.
(No. Syarikat 410334-X)
1, Persiaran Dato' Menteri
Seksyen 2, Peti Surat 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA.

Tel : 60-3-55446400
Faks : 60-3-55446466

<http://www.sirim.my>

<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 05 May 2017

Certified Since

Sah Sehingga : 05 May 2023

Valid Until

Tarikh Dikeluarkan : 28 April 2021

Issue Date

No Siri : 063872

Serial No

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.



Logomas Packaging
ECOBIX® Degradable Polystyrene Foam Food Containers

Disposable polystyrene boxes, bowls and plates. ECOBOX® products a pro-degradant additive causing the product to start to break down once exposed to UVs.

Products/Ranges: ECOBOX® boxes, bowls and plates
Product Stages Assessed: Raw materials, manufacturing, in-use
CSI Masterformat: N/A
Licensed Site/s: Malaysia
Licence Number: LOG:EB01:2018:PH
Licence Date: 3rd May 2018
Valid To: 3rd May 2022
Standard: GGT International v4.0
Screening Date: 3rd May 2021
PhD URL:

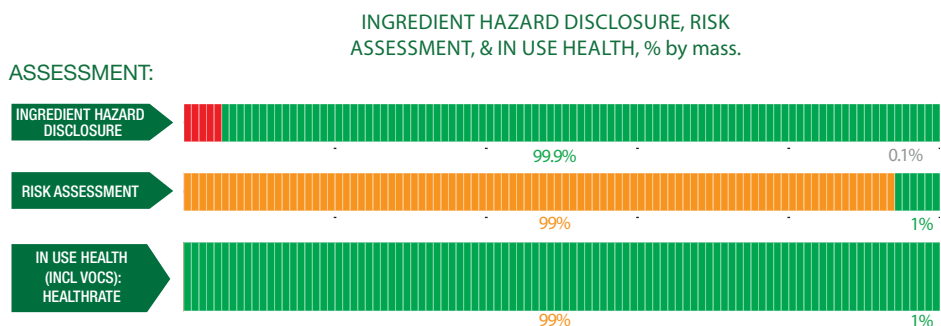


globalgreentag.com/wp-content/uploads/2018/05/210611_LOG_Ecobox-Degradable-Containers-PHD_v6.pdf

This PhD ceases currency when original GreenTag GreenRate/LCARate certification expires or is revoked. Please check www.globalgreentag.com for currency. [Note disclaimer over.](#)

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

- GreenTag Banned List Compliant
- Very low worker exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Very low user exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors
- Very low environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors



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 each homogeneous ingredient 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 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 GGT International Standard v4.0, Personal Products Standard v1.0, and Cleaning Products Standard v1.0 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, Living Building Challenge, Estidama etc., the following information is declared from audit:




Colour	Ingredient Name
Green	Ideal- Low No Comment required
Yellow	Medium to Low No Comment, or 'Issue of Concern' required depending on % of ingredient.
Orange	Moderate 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Limit 10%
Red	Problematic (Red): Target for Phase 'Issue of Concern' or 'Red Light' Comment depending on % of ingredient. Strict Upper Limit of 1%
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients POPs, SVHCs plus a wide range of compounds depending on specific Standard requirements

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	Ingredient Assessment (Raw)	Whole Of Life Assessment	In Use Health Assessment	Comment
Polystyrene							
Polystyrene	Polymer	80-100%	None				Polystyrene does not have any direct health impacts in use. However, one remaining issue of concern is the unknown impacts of visibly accumulating plastic litter as well as degraded microplastics in oceans and river systems. Recycled Content: Unknown Nanomaterials: No

Styrene	Residual monomer	0-0.05%	Endocrine Disrupt 1 IARC 2B Skin Irrit. 2 Flam. Liq. 3 Eye Irrit. 2 Acute Tox. 4 Asp. Tox. 1 Aquatic Chronic 3 STOT RE 1 Repr. 2 STOT SE 3				The hazardous monomer used to manufacture the polystyrene resin may be present in the finished resin at residual concentrations that are extremely low and therefore not considered to be a risk according to the US FDA. Furthermore the finished product has passed food safety requirements (US FDA and EU). Recycled Content: Unknown Nanomaterials: No
Polyethylene based prodegradant							
Polyethylene	Substrate for prodegradant	1-20%	IARC 3				Recycled Content: Unknown Nanomaterials: No
Proprietary	Prodegradant	0-1%	None declared				Recycled Content: Unknown Nanomaterials: Unknown
Calcium stearate							
Calcium stearate	Lubricant	0-5%	STOT SE 3				Recycled Content: Unknown Nanomaterials: No
Talc							
Talc	Void control agent	0-5%	IARC 3				Recycled Content: No Nanomaterials: Unknown
PROCESS CHEMICALS							
Liquified Petroleum Gas (LPG)							
LPG	Blowing agent	-	Carc. 1A Muta. 1B Flam. Gas 1 IARC 1				LPG may contain small amounts of 1,3 butadiene. The GHS and IARC classifications are related to this ingredient and are not considered to be a risk in the end product. Recycled Content: No Nanomaterials: No
1,3 Butadiene	Impurity	-	Carc. 1A Muta. 1B Flam. Gas 1 IARC 1				LPG may contain small amounts of 1,3 butadiene. The GHS and IARC classifications are related to this ingredient and are not considered to be a risk in the end product. Recycled Content: No Nanomaterials: No

Comments:

VOC emissions: Not applicable
VOC content: Not applicable



The Singapore Environment Council hereby grant

Logomas Packaging Sdn Bhd

Lot 15796, Block C, 6th Mile, Jalan Kebun, Seksyen 32,
Shah Alam 40460, Selangor, Malaysia

the right to use the Singapore Green Label for

LOGOMAS – LP888 / LPN01 / LP8 / LP9P
034-007-2733

Made From Sustainable/Renewable Fibres

(In accordance to SEC Green Label Category 34: Food Packaging Crockery and Cutlery Version 2)

Validity: 2 September 2020 to 1 September 2022

JEN TEO
Executive Director
Singapore Environment Council



**Singapore
Environment
Council**

1 Kay Siang Road #07-01
Singapore 248922