

Eco Mark Product Category No.138

**“Refill Containers and Resource Saving Containers  
Version 1.0”  
Certification Criteria (Draft)**

—Applicable Scope—

- A. Refill Containers
- B. Resource Saving Containers

Established: July 1, 2007 (planned)  
Term of validity: June 30, 2012

Japan Environment Association  
Eco Mark Office

Eco Mark Product Category No. 138 “Refillable Containers and Resource Saving Containers” Certification Criteria (Draft)

## B. Resource Saving Containers

Japan Environment Association  
Eco Mark Office

### 1. Applicable Scope

The product shall be a container for edible oil composed of an inner part made of plastic (inner bag) and an outer part made of paper (outer box).

The product is intended to increase recyclable part by saving plastic part and giving an easy-disassembly design, in place of general plastic bottles because of the content which is oil.

This time, a container for edible oil is taken up, but with respect to other containers of easy-disassembly design with multiple materials, criteria shall be properly added for those which are valid for taking up.

### 2. Certification Criteria and Certification Procedures

With respect to certification to criteria items, the Attached Certificates shall be submitted.

#### 2-1. Common Criteria and Certification Procedures for Environmental Criteria

(1) The product shall be a container for edible oil which are intended to increase recyclable part by being composed of an inner part made of plastic (inner bag) and an outer part made of paper (outer box) and given an easy-disassembly design, in place of general plastic bottles which are inevitable to dispose because of the content which is oil.

[Certification Procedures] Certifier: Applicant

The conformity to the criteria shall be stated in the Attached Certificates.

(2) The product shall be a container to replace a plastic bottle, comprising an inner part of plastic film (inner bag) and an outer part made of paper (outer box).

- a) The inner bag shall be made of plastic film that is a maximum of 0.15 mm thick.
- b) The outer box shall be of paper containing no less than 90% recycled pulp.

[Certification Procedures] Certifier: a) Applicant; b) material supplier

The Applicant shall submit:

- a) For inner part, specifications of the container
- b) For outer part, a certificate showing the percentage of waste paper in the pulp mixture from a paper manufacturer

(3) The production process shall conform to relevant regulations and agreements on environmental pollution control regarding discharge of air and water pollutants, noise, odor, waste treatment, emissions of hazardous materials, and industrial safety and hygiene.

[Certification Procedures] Certifier: Finished product manufacturing/assembly plant  
A certificate shall be submitted to certify that the relevant local environmental laws, regulations, etc., have been observed with no violation for the previous five years before the filing of the application.

(4) Substances regulated by "Self-imposed Controls on Printing Ink for Food Packaging Materials (Negative List regulations) by the Japan Printing Ink Makers Association shall not be added with printing ink used for the product (labels, etc.) as a prescribed constituent.

[Certification Procedures] Certifier: Applicant

The Applicant shall state in the Attached Certificate that the product complies with Negative List regulations.

(5) The product shall be disassembled without using industrial tools. The explanation of disassembling method shall be indicated on the product.

[Certification Procedures] Certifier: Applicant

A document explaining a disassembling method, or photographs or specifications indicating the explanation of a disassembling method shall be submitted.

## 2-2. Criteria and Certification Procedures for Materials

### A. Criteria and Certification Procedures for the Materials of Outer Part

- (6) Materials used for outer part shall not correspond to any of those shown in Table 1.

**Table 1 Processed Paper and Inks Unfit to Recycling of Paper**

Category	Container Material
Processed Paper	Colored paper, fancy paper, resin-impregnated paper (excluding water-soluble paper), parchment paper, tarpaulin paper, waxed paper, cellophane paper, synthetic paper, carbonic paper, carbonless paper, thermosensitive paper, pressure bonding paper, stencil paper, sublimation transfer paper, thermosensitive foaming paper and scented paper
Specialty Ink	Thermosensitive ink, desensitizing ink, magnetic ink, sublimation ink, forming ink and scented ink

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing  
A certificate that materials correspond to any of those shown in Table 1 shall be submitted.

- (7) The container shall not be added with fluorescent whitening agents as a prescribed constituent.

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing  
A certificate from the paper manufacturer shall be submitted.

- (8) No chlorine gas shall be used in the pulp bleaching process.

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing  
A certificate from the paper manufacturer shall be submitted.

### B. Criteria and Certification Procedures for the Materials of Inner Part

- (9) Specific chlorofluorocarbons (five CFCs), other CFCs, carbon tetrachloride, trichloroethane, and CFC substitutes (HCFCs) shall not be used.

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing  
The conformity to this item shall be stated in the Attached Certificates. In addition, a certificate from the responsible person or the manager of the plant who manufactures plastic materials to be used in the product shall be submitted.

(10) The plasticizers, colorants, stabilizers, lubricants and other plastics additives for the inner bags shall conform to the positive list of the Japan Hygienic Olefin and Styrene Plastics Association.

[Certification Procedures] Certifier: Manufacturer in charge of manufacturing or the third party testing body  
The Applicant shall submit certificates that plasticizer, color materials, stabilizers, lubricants and other plastic additives conform to the Positive List regulations by the Japan Hygienic Olefin And Styrene Plastics Association.

(11) Cadmium, lead, hexavalent chromium, mercury, or their compounds as formulation ingredients of the inner bags shall not be added.

[Certification Procedures] Certifier: Applicant  
The Applicant shall state in the Attached Certificate that the product conform to this item.

(12) The formulation ingredients of the inner bags shall not be added the substances classified as Groups 1, 2A and 2B by IARC (International Agency for Research on Cancer) as formulation ingredients. However, it excludes the chemical substances to use for the purpose of making polymers by polymerization reaction (ex: polyvinyl monomer, styrene).

[Certification Procedures] Certifier: Applicant  
A certificate that in producing process of the product, the corresponding chemical substances are not added as a prescribed constituent shall be submitted.

(13) Inner part shall conforms to requirements of hazardous materials stipulated under the Food Sanitation Law (December 24, 1947 Law No. 233)

[Certification Procedures] Certifier: Third party testing body, Applicant or manufacturer, etc.  
 The results of tests certifying that the product conforms to requirements of the corresponding hazardous materials shall be submitted.

(14) Inner part shall not be added with a plastic that contains halogen in polymeric backbone as a prescribed constituent.

[Certification Procedures] Certifier: Applicant  
 The Applicant shall state in the Attached Certificate that the product conform to this item.

### 2-3. Quality Criteria and Certification Procedures

(15) Quality of the container shall conform to the industrial voluntary standards or the manufacturer's own standards.

[Certification Procedures] Certifier: Applicant  
 With respect to the industrial voluntary standards or the manufacturer's own standards, certificates by the Applicant shall be submitted.

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Established (Scheduled) (Version 1.0): July 1, 2007

Validity Period: June 30, 2012

The Certification Criteria for the Product Category will be revised when necessary.