

Eco-mark Scheme

ECOMARK CRITERIA FOR FOOD ITEMS

Part I : Edible Oils, Tea and Coffee

(The Gazette of India, Extraordinary, Part II-Section 3(i), No. 376, Sep. 6, 1994)

GENERAL REQUIREMENTS :

- All formulation of edible oils, tea and coffee shall meet relevant standards of Bureau of Indian Standards pertaining to quality.
- The product manufacturers must produce the consent clearance as per the provisions of Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention & Control of Pollution) Cess Act, 1977, respectively along with the authorisation, if required, under Environment (Protection) Act, 1986 and rules made thereunder to Bureau of Indian Standards while applying for ECOMARK : and the product shall be in accordance with the Prevention of Food Adulteration Act 1954 and the rules made thereunder unless otherwise specified. Additionally, in case of Vanaspati, the manufacturer shall comply with the provisions under Vegetable Oil Products Control Order 1975 issued by the Director of Vanaspati, Ministry of Civil Supplies, Government of India.
- The product must display a list of critical ingredients in descending order of quantity present (C/o. W/W, or V/V). The list of such Ingredients shall be identified by Bureau of Indian Standards.
- The product packaging may display in brief the criteria based on which the product has been labelled environment friendly.
- The material used for product packaging shall be recyclable (i.e. which can be reprocessed to manufacture any other useful product) or biodegradable and the parameters evolved under the SLEFP(scheme on labelling of environment-friendly products) on the specific subject of packaging shall apply.

PRODUCT SPECIFIC REQUIREMENTS :

Edible Oils (Category 1 : Raw and Refined Edible Vegetable Oil)

(i)	The product shall not contain aflatoxin more than 5 ppb.
(ii)	The pesticide residues (if any), in the product shall not exceed the limits as prescribed in Prevention of Food Adulteration Act, 1954 and rules made thereunder.
(iii)	The toxic metal concentration (if any) shall not exceed the following limits :

	Toxic Metals Concentrations Lead 5.0 ppm Arsenic 0.5 ppm Cadmium 1.0 ppm Mercury 0.25 ppm
(iv)	Antioxidants as permitted under Prevention of Food Adulteration Act, 1954 in specified quantities shall be used.
(v)	Shelf life shall be declared and marked by the manufacturer.

The following BIS standards have been amended incorporating the above Ecomark requirements:

1.	IS 75:1973	Linseed oil, raw and refined (second revision)
2.	IS 435:1973	Castor oil (second revision)
3.	IS 542:1968	Coconut oil (second revision)
4.	IS 543:1968	Cottonseed oil (second revision)
5.	IS 544:1968	Groundnut oil (second revision)
6.	IS 545:1984	Mahua oil (third revision)
7.	IS 546:1975	Mustard oil (second revision)
8.	IS 547:1975	Sesame oil (second revision)
9.	IS 3448:1984	Rice bran oil (second revision)
10.	IS 3490:1965	Nigerseed oil
11.	IS 3491:1965	Safflower oil
12.	IS 4055:1966	Maize (corn) oil
13.	IS 4276:1977	Soyabean oil (first revision)
14.	IS 4277:1975	Sunflower oil (first revision)
15.	IS 5637:1970	Watermelon seed oil
16.	IS 7375:1979	Salseed fat (first revision)
17.	IS 8323:1977	Palm oil
18.	IS 8361:1977	Palmolein
19.	IS 8591:1980	Kokum fat (first revision)
20.	IS 8879:1980	Dhupa fat (first revision)
21.	IS 9231:1979	Mango kernel fat
22.	IS 11069:1984	Refined, bleached hydrogenated, and winterized

		de-odourized (RBHWD) Soyabean oil
23.	IS 13680:1993	Imported rapeseed oil

Vanaspati (Category 2 :Hydrogenated Vegetable Oil)

(i)	Nickel concentration in the product shall not exceed 0.5 part per million.
(ii)	The product shall be free from obnoxious chemicals
(iii)	The pesticides residues (if any) in the product shall not exceed the limits as prescribed in Prevention of Food Adulteration Act, 1954 and Rules made thereunder.
(iv)	The toxic metal concentration (if any) shall not exceed the following limits. Toxic Metals Concentrations Lead 5.0 ppm Arsenic 0.5 ppm Cadmium 1.0 ppm Mercury 0.25 ppm
(v)	Shelf life shall be declared and marked by the manufacturer.
(vi)	Only permitted antioxidants under Prevention of Food Adulteration Act, 1954 shall be used, if required.

The following BIS standards have been amended incorporating the above Ecomark requirements :

1.	IS 10633:1986	Vanaspati
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Tea

(i)	Product shall be free from adulterants like spent tea leaves, grit, sand, leaves of other plants.
(ii)	Product shall be free from off-odour and shall have its characteristic flavour.
(iii)	Lead content shall not exceed 6.5 ppm.
(iv)	The product shall be free from any added colouring and no extraneous flavour shall be added, however, for exports this may be allowed as per the provisions of PFA Act, 1954 and rules made thereunder.
(v)	Product shall be free from mould growth.
(vi)	The pesticides residues (if any) shall not exceed the limits as specified in

	the Prevention of Food Adulteration Act 1954 and Rules made thereunder.
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The following BIS standards have been amended incorporating the above Ecomark requirements :

1.	IS 3633:1972	Tea
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Coffee

(i)	Coffee beans shall be free from infestation due to insect, fungus and rodents.
(ii)	Product shall be free from any extraneous matter like strings, stone, dirt, wood, glass and metallic pieces.
(iii)	Product shall be free from any added colouring, flavouring and also free from rancidity and should have its characteristic flavour.
(iv)	Product shall be free from adulterants like dandelion and other roots, nerons, fige, date, stones and cereals.
(v)	The pesticides residues (if any) in the product shall not exceed the limits as prescribed in Prevention of Food Adulteration Act, 1954 and Rules made thereunder.

The following BIS standards have been amended incorporating the above Ecomark requirements :

1.	IS 2791:1992	Soluble coffee powder
2.	IS 3077:1992	Roasted and ground coffee
3.	IS 3309:1992	Soluble coffee chicory powder
4.	IS 3581:1982	Grading for green coffee
5.	IS 3802:1992	Roasted coffee chicory powder