

## Ecomark Criteria for Soaps & Detergents

### Toilet Soaps

#### 1. General Requirements:

- All toilet soaps shall meet relevant standards of Bureau of Indian Standards as amended from time to time pertaining to quality, safety and performance.
- The manufacturers must produce the consent clearance as per the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 respectively along with the authorisation, if required, under the Environment (Protection) Act, 1986 to BIS while applying for ECOMARK;
- The product must display a list of critical ingredients in descending order of quantity present in per cent by weight. The list of such critical ingredients shall be identified by Bureau of Indian Standards (BIS);
- The product packaging material shall be made from recyclable, reusable or biodegradable material;
- The product packaging may display in brief the criteria based on which the product has been labelled Environment Friendly; and the product may be accompanied by detailed instructions for proper use so as to maximise product performance and minimise wastage.

**Note:** The conformity to the requirement No. 1.4 the manufacturer will give the declaration with supporting data.

#### 2. PRODUCT SPECIFIC REQUIREMENTS :

- a. Product formulated or manufactured shall not contain phosphates and synthetic detergents.
- b. Product shall be dermatologically safe when tested by the methods given in DOC : CHD 025(0236)

**The following BIS standards have incorporated the Ecomark requirements:**

Indian Standards	Year of Incorporation	Description
IS 2888 : 2004, Reaffirmed Year 2011	2007/2008	Toilet Soap
IS 4199 : 2001 Reaffirmed Year 2006	1992	Liquid toilet soap
IS 5784 : 2001 Reaffirmed Year 2006	2001	Shaving soap

IS 10523 : 2014	1992/1994	Baby Toilet soap
IS 11303 : 1985 Reaffirmed Year 2011	1994/2002	Transparent Toilet Soap
IS 11479 : 1985 Reaffirmed Year 1991	1994	Antibacterial toilet soap

## B. Detergents

### 1 General Requirements:

- All detergent formulations for house-hold and industrial use shall meet relevant standards of Bureau of Indian Standards (BIS) as amended from time to time, pertaining to quality, safety and performance as listed below :-
- The manufacturers must product the consent clearance from the concerned State Pollution Control Board as per the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 respectively along with the authorisation, if required, under the Environment (Protection) Act, 1986 to BIS while applying for ECOMARK;
- The product must display a list of critical ingredients in descending order of quantity present in per cent by weight. The list of such critical ingredients shall be identified by the BIS;
- The product packaging may display in brief the criteria based on which the product has been labelled Environment Friendly;
- The product may be accompanied by detailed instructions for proper use so as to maximise product performance and minimise wastage; and
- The product packaging material shall be made from recyclable, reusable or biodegradable material.

**Note:** For conformity to this requirement, the manufacturer shall give the declaration with supporting data.

### 2. Product Specific Requirements:

- Product shall not contain phosphates. Any other substitutes may be used which shall be environment friendly.
- The safety on use of the product shall be evaluated as per the methods given in BIS standards as amended from time to time as listed below :
- The safety evaluation pertaining to irritant potentation : according to IS 11601 (Part I)- 1990 and Skin sensitisation potential according to IS : 11601 (Part II) - 1991 and Product surfactants when tested by modified strum test as prescribed in the Indian Standard shall be formulated or manufactured with readily biodegradable.

The following BIS standards have incorporated the Ecomark requirements:

Indian Standards	Year of Incorporation	Description
IS : 4955: 2001 Reaffirmed Year 2006	2001	House-hold laundry detergent powders
IS : 4956: 2002 Reaffirmed Year 2008	2002	Synthetic detergents for industrial purposes
IS : 8180: 1992 Reaffirmed Year 2011	2008	Household laundry detergent bar
IS : 9458: 1994 Reaffirmed Year 2011	2008	Synthetic detergents for washing woolen and other delicate fabrics

### 3. General Requirements:

- a. All laundry soaps shall meet relevant standards of Bureau of Indian Standards as amended from time to time pertaining to quality, safety and performance as listed below :

**Note:** BIS may formulate/incorporate optional standards for environment friendly characteristics.

- The manufacturers must product the consent clearance as per the provisions of Water (Prevention and Control of Pollution) Act, 1974, Water (Prevention & Control of Pollution) Cess Act 1977 and Air (Prevention and Control of Pollution) Act, 1981, along with the authorisation, if required, under the Environment (Protection) Act, 1986 to BIS while applying for ECOMARK.
- The product must display a list of critical ingredients in descending order of quantity present in per cent by weight. The list of such critical ingredients shall be identified by the Bureau of Indian Standards.
- The material used for product packaging material shall be made from recyclable, reusable or biodegradable material and the parameters evolved under the scheme of labelling environment friendly products on specific subject of packaging shall apply. The product packaging may display in brief the criteria based on which the product has been labelled Environment Friendly. The product may be accompanied by detailed instructions for proper use so as to maximise product performance and minimise wastage; and Product formulated or manufactured shall not contain phosphates.
- The non soapy detergent (NSD) if used in the manufacture of laundry soaps shall be readily biodegradable when tested by modified sturm test as prescribed in the Indian Standard. The material shall pass the test when evaluated for irritant potential as per the method prescribed in IS 11601 (Part-1) : 1986 and skin sensitisation potential when evaluated as per the method prescribed in IS 11601 (Part-2) : 1992

**The following BIS standards have incorporated the Ecomark requirements:**

<b>Indian Standards</b>	<b>Year of Incorporation</b>	<b>Description</b>
IS 285:1992 Reaffirmed Year 2011	1994/2002/2008	Laundry soaps
IS 2887:1993 Reaffirmed Year 2011	1994/2001/2008	Laundry soap powder

**Source:** <http://cpcb.nic.in/EnvironmentPlanning/Eco-label/soap.pdf>