

## Eco-mark Scheme

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### ECOMARK CRITERIA FOR SOAPS & DETERGENTS

#### TOILET SOAPS

( The Gazette of India, Extraordinary, Part II-Section 3(I), No. 188, April 28, 1992)

#### 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 :

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

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

1)	IS 2888 : 1983	Toilet Soap
2)	IS 4199 : 1990	Liquid toilet soap
3)	IS 5784 : 1970	Shaving soap

4)	IS 10523 : 1983	Baby Toilet soap
5)	IS 11303 : 1985	Transparent Toilet Soap
6)	IS 11479 : 1985	Antibacterial toilet soap

## **B. DETERGENTS**

(The Gazette of India, Extraordinary, Part II- Section 3(i), No. 188, April 28, 1992)

### **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 potention : according to IS 11601 (Part I)- 1990 and
- Skin sensitisation potential according to IS : 11601 (Part II) - 1991 and

Product shall be formulated or manufactured with readilv biodearadable

surfactants when tested by modified sturm test as prescribed in the Indian Standard.

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

1)	IS : 4955 - 1982	House-hold laundry detergent powders
2)	IS : 4956 - 1977	Synthetic detergents for industrial purposes
3)	IS : 8180 - 1982	Household laundry detergent bars
4)	IS : 9458 – 1980	Synthetic detergents for washing woollen and other delicate fabrics

**C. LAUNDRY SOAPS**

(The Gazette of India, Extraordinary, Part II-Section 3(i), No. 4, January 5, 1994.)

**1 GENERAL REQUIREMENTS :**

- 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 been amended incorporating the above Ecomark requirements :**

1)	IS : 285:1992	Laundry soaps
2)	IS 2887:1992	Laundry soap powder