

# GUIDELINES FOR ORGANIC AND NATURAL CLEANING PRODUCTS

**ORGANIC**



**AND NATURAL**



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### **1. PRESENTATION AND SCOPE OF CERTIFICATION**

The impact of our industrial society on the environment is going to depend on the constant choices we make every day with respect to the consumer products we bring into our home and factories. The best choices will lead to a high level of environmental sustainability.

Choosing the correct products is no simple matter and requires information and awareness on the part of the consumer.

Transparency of industrial manufacturing processes is an important and ever-present theme nowadays. The certification of natural biodegradable cleaning products will be a fundamental part in the guidance to be provided to the consumer regarding his choices of consumption.

IBD is proud to place at the disposal of society its standards for *Natural Cleaning Products*.

In these standards, the characteristics and requirements for those cleaning products which may be labeled with the logo IBD-Natural Ingredients will be defined.

The objectives of this standard are:

- To encourage and assist in the use of products and processes, as well as packaging, which have the least possible environmental impact.
- To prevent allergenic products and irritants from reaching the consumer.
- To promote the use of products certified as organic certified as extractives and without ionizing irradiation.

## **2. REFERENCES, STANDARDS**

- Rulings from ANVISA (National Health Surveillance Agency)
- Guidelines for IBD Certified Natural and Organic Cosmetics
- Guidelines for IBD Natural Cleaning Materials.

## **3. APPLICATIONS**

Products subject to the application of these guidelines are:

- a) All hand-washing and kitchen products.
- b) Detergent products intended for cleaning flooring, mobile and immobile surfaces, such as walls for example.
- c) Detergent products for cleaning bathrooms and so forth.
- d) Fabric detergents.
- e) Detergent products for cleaning food preparation environment in restaurants and similar locations, hostelryes and so forth.
- f) Coadjutants, ingredients, raw materials and similar chemical products and natural substances used in the cleaning process and which may be present in the formulation of detergents such as conditioners, polishers, sequestrants, buffer solutions, stabilizers, pH regulators amongst others.

## **4. RAW MATERIALS**

IBD cleaning products may contain the following ingredients as raw materials:

1. Products of vegetable origin.
2. Products of animal origin.
3. Products of microbiological origin.
4. Products of inorganic origin.
5. Products derived from chemical synthesis processes.
6. Water.

Each grouping of raw materials shall follow the characteristics indicated below and observe the composition percentage as per point 6 below.

### **4.1. Products of Vegetable Origin.**

Shall originate from organic agriculture or have FSC certification. Should it be confirmed that the ingredient is not available in certified form, those of non-certified origin may be used; however if they are a result of extractivism, the appropriate official legal collection permits shall be made available.

The ingredients cannot be made from, or be sub-products of, Genetically Modified Organisms.

The following products shall compulsorily originate from organic or FSC agriculture:

- Vegetable oils.

Plants threatened with extinction may not be used.

For the use of aromas and perfumes, only organic agricultural or FSC products may be used.

#### **4.2 Products of Animal Origin.**

Animal products shall be of organic origin. As a result of the present limited availability of this type of raw material, products of conventional origin may be used, though not Genetically Modified Organisms or their by-products.

The following products must compulsorily come from organic agriculture:

- Honey and by-products, waxes
- Milk and by-products.

#### **4.3. Microbiological Products.**

The use of microbiological products of Genetically Modified origin or by-products thereof is prohibited.

#### **4.4. Products of Inorganic Origin.**

Materials of mineral origin shall be evaluated as to concentration of toxic metals recognized as: As, Pb, Cu, Ni, Cd, Zn, hexavalent Cr, Sb) and shall at most be present in the form of trace metals.

The levels of such metals will be monitored.

The common acidification and base reagents are authorized for raw material synthesis processes: hydrochloric, sulphuric, nitric, phosphoric acids, sodium hydroxide, potash, etc.

#### **4.5. Products Derived from Chemical Synthesis Processes.**

a) Tensioactives

Please see item 6.5

b) Other products

Unavailable organic and FSC products may be certified as NATURAL OR WITH NATURAL INGREDIENTS provided that any alternative is of natural, vegetable or animal origin and the generation thereof does not cause a negative impact on the environment. IBD reserves the right to approve or reject said products.

#### **4.6. Water**

Drinking-water or de-mineralized water may be used.

### **5. RAW MATERIAL PREPARATION PROCESSES.**

5.1 It is forbidden to use x-rays or gamma rays for preservation purposes.

5.2 In order to be able to use catalysts, analyses shall be performed which prove their absence in the final products.

Certified companies shall demonstrate appropriate techniques for the management of effluent or gaseous / solid waste and be up to date with their legal obligations for these activities. The certificates issued by the authorities shall be no more than 6 months old, at the beginning of the certification process.

## **6. PRODUCT FORMULATIONS.**

6.1 The products shall be marked with the exact formulation and the exact chemical description of the ingredients, with their international identification numbers, degrees of purity, types and percentages of impurity and chemical formulation.

6.2 The effect of environmental impact will be measured by the degree of aquatic toxicity, using values ordinarily employed in institutes for quality detection.

The values for the various cleaning products may not exceed those adopted by national legislations.

6.3 IBD reserves the right not to authorize any ingredient which is suspected of being highly toxic or not accepted by another organic certification system.

6.4 Ingredients classified as a respiratory risk and a risk to the skin may not be used in concentrations higher than 0.2%.

6.5 The biodegradability of the raw materials shall be proven (OECD series 302 / series 301 tests).

6.6 For tens actives or any products obtained from chemical synthesis, it will be necessary to prove the natural origin of the ingredients which supply the carbon atom chain. Carbon used in tens actives shall be of vegetable origin.

## **7. TREATMENT OF FINISHED PRODUCT.**

7.1 It is forbidden to use irradiation or other non-physical processes on the finished products.

7.2 Testing of finished products on animals is prohibited.

## **8. PACKAGING.**

8.1 Only recyclable packaging is permitted.

8.2 The use of PVC is forbidden.

8.3 The use of recycled packaging is prohibited until such time as their safety for use can be confirmed.

8.4 The use of re-loadable systems shall be encouraged for the sale of products.

## **9. MANDATORY ANALYSES.**

**9.1** Wash Performance Tests, according to the official methods of the national institutions.

**9.2** Products which come into contact with skin should be clinically tested by means of a Patch Test.

**9.3** The test results may be supplied via official documents by the raw material suppliers. The results will be deemed to be the property of the certified company but will be placed at the disposal of the IBD accreditation authorities if requested.

## **10. PRODUCT CLASSIFICATION**

### **10.1 Natural**

A product may be classified as natural and be certified as such if its formulation contains at least 5% of raw material certified as organic. The remaining 95% of the formulation may be composed of natural non-certified raw materials or those permitted for natural formulations. Derrogation as in item 4 above is possible.

*Raw material will only be classified as natural if it really is 100% natural.*

### **10.2 Organic**

A product may be classified as organic and be certified as such if its formulation contains at least 95% of raw materials, deducting water and salt, certified as organic. The remaining 5% of the formulation may be composed of natural raw materials originating from non-certified agriculture or extractivism or those permitted for organic formulations. Derrogation as in item 4 above is possible.

*Raw material may only be classified as organic and receive this certification if it is 100% organic, which means it is in accordance with all production, extraction and processing criteria for an organic product.*

### **10.3 Made with organic raw materials:**

A product may be classified as being prepared or made with organic raw materials if at least 70% and not more than 95% of the components of the formulation, deducting water and salt, are certified as organic. The remaining formulation may be composed of natural raw materials originating from non-certified agriculture or extractivism or those permitted for organic formulations. Derrogation as in item 4 above is possible.

*A raw material may obtain this certification.*

## **11. LABELING**

Labeling of natural, organic or products made with organic raw materials shall, first of all, be in accordance with the rules of labeling and classification of sanitizing/cleaning products established by law. The products may have specific labeling,

emphasizing their classification as natural, organic or made with organic raw materials. Independent of the classification, all labels shall specify the total percentages of natural and organic raw materials.

### 11.1 Natural Product



Natural products shall emphasize which are the natural and/ or organic raw materials and/ or those originating from certified extractivism. It may also be indicated that the product contains natural and/ or organic raw materials. On the label the stamp with “**IBD logotype - natural raw materials**” may be used, but not the Organic IBD stamp.

At the back of the label or packaging the following phrase shall be placed: «**IBD certifies natural products in accordance with international standards.**»

A minimum concentration of 5% organic raw material, not including water and salt in calculation, will be required or derogation in item 4 above.

Natural raw materials will have, on the main label, another label with the following: «**IBD natural ingredient appropriate for use in natural or organic certified products.**»

### 11.2 Organic



Organic products shall emphasize which are the organic raw materials and the label will have the stamp as follows:

At the back of the label or packaging the following phrase shall be placed: «**IBD certifies organic products in accordance with international standards.**»

A minimum concentration of 95% organic raw material, not including water and salt in calculation, will be required or derogation in item 4 above.

Natural raw materials will have, on the main label, another label with the following: «**Organic raw materials, appropriate for use in natural or organic certified products.**»

### 11.3 Made with organic raw materials



Cosmetics formulated with organic raw materials shall emphasize which are organic and the label will have the stamp «***made with organic raw materials***». At the back of the label or packaging the following phrase shall be placed: «***IBD certifies products made with organic raw materials in accordance with international standards.***»

A minimum concentration of 70% organic raw material, not including water and salt in calculation, will be required or derogation in item 4 above.

#### 11.4 Organic with «IFOAMACCREDITED»



In order for products to be labeled with the IBD stamp and with «**IFOAM ACCREDITED**» only additives approved by IBD ORGANIC, ANNEX V standards may be used.

In this case, labeling will be in accordance with the same criteria stipulated for the use of the IBD ORGANIC stamp, available in the IBD Guidelines.

A minimum concentration of 95% organic raw material, not including water and salt in calculation, will be required or derogation in item 4 above.

Furthermore, in this case, the techniques possible for the processing of organic products for the use of the IFOAMACCREDITED stamp will be biological, physical and mechanical. Extraction will only be possible with water, ethanol, oils from plants and animal, vinegar, carbon dioxide and nitrogen.

**11.5** Labels shall contain the following information:

- a) Instructions for use, functionality and dosage of the product.
- b) Information concerning the ingredients of the product.
- c) Composition and ingredients used, described in decreasing order of concentration.
- d) On the label of products without ingredients of animal origin, the phrase “does not contain products of animal origin” may be added.

**11.6** Every certified company and product will be published on the Internet by IBD.

## **12. PERMITTED SUBSTANCES**

### **Preservatives**

Benzoic acid and its by-products

Peony ethanol

Sorbic acid and its by-products

Sodium dehydroacetate

### **Preservatives for environment with pH above 9**

T-Butyl Hydroperoxide (in a percentage lower than 0.5%)

Dichlorobenzyl alcohol

### **Other substances**

TAED only for powders (Tetraacetylenediamine)

Urea

Maleic acid, Malic acid.