



The EU Ecolabel for Industrial and Institutional Laundry Detergents

"The official European label for Greener Products"

Choose the EU Ecolabel for your Industrial and Institutional Laundry Detergents if you want to show your commitment to a better environment.

Once it's on your products, the EU Ecolabel guarantees

- Reduced impact on aquatic ecosystems
- Absence of phosphates
- Limited hazardous and sensitising substances
- Increased biodegradability
- Reduced packaging
- Documented efficiency
- Reliable user information

◆ For a quick test, use the check list on the back!

Meet your customers' demand

Today, professionals are more sensitive to the protection of the environment.

After more than 10 years of criteria for consumer laundry detergents being on the market, criteria for the professional sector are now available to help you meet the expectations of your professional clients.

With the EU Ecolabel on your products you offer them a reliable guide to easily identify the good environmental performers available on the market.

**Give your Industrial and Institutional Laundry Detergents a credible sign of Environmental Excellence...
Apply for the EU Ecolabel!**

For more information...

... on the scheme, its feature, the actors involved, the application process...

<http://ec.europa.eu/environment/ecolabel>

...to market your ecolabelled products use our free E-catalogue...

<http://ec.europa.eu/ecat>

... on the "Industrial and Institutional Laundry Detergents" product group: full criteria document and other useful information...

<http://ec.europa.eu/environment/ecolabel/products-groups-and-criteria.html>



Check-list (for a first assessment only)

This is a non exhaustive list of EU Ecolabel criteria requirements. Please see the Official criteria document for full details.

| Life cycle step | Criterion | Expectations |
|-----------------|---|---|
| Manufacturing | Excluded or limited substances and mixtures | <ul style="list-style-type: none"> The following substances shall not be included in the product, either as part of the formulation nor as part of any mixture included in the formulation: Phosphates (phosphonates are not excluded but limited by criterion 3), APEO (Alkyl phenol ethoxylates) and ADP (Alkylphenols and derivatives thereof), EDTA (ethylene-diamine-tetra-acetic-acid) and its salts. The product shall not contain substances or mixtures meeting the criteria for classification with the hazard classes or categories in accordance with Regulation (EC) No 1272/2008 specified in the criteria document nor shall it contain substances referred to in Article 57 of Regulation (EC) No 1907/2006. Derogations in the criteria document are exempting few substances from this requirement. The product shall not contain perfumes containing nitro-musk or polycyclic musk. The product may only include biocides in order to preserve the product, and in the appropriate dosage for this purpose alone. Enzymes must be in liquid form or dust-free granulate and must be free from micro-organism remnants from manufacture. |
| Manufacturing | Packaging requirements | <ul style="list-style-type: none"> The weight/utility ratio (WUR) of the product shall be calculated for primary packaging and shall not exceed the values specified in the criteria document Plastic/paper/cardboard packaging containing more than 80% recycled material or more than 80% plastic from renewable origin is exempted from the WUR requirement. Only phthalates that at the time of application have been risk assessed and have not been classified according to the R and H phrases included in the criteria document may be used in the plastic packaging. |
| Use | Product and dosage formulation | <ul style="list-style-type: none"> The recommended total dosage shall be given in g/kg laundry or ml/kg laundry according to the degree of soiling and water hardness. |
| Use | Automatic dosing system | <ul style="list-style-type: none"> Multi-component systems shall be offered together with an automatic and controlled dosing system. In order to ensure correct dosage in the automatic dosing systems, customer visits must be incorporated as a normal routine for manufacturers/suppliers. |
| Use | Washing Performance (fitness for use) | <ul style="list-style-type: none"> The primary laundering effects of the detergent such as dirt removal and stain removal capacity must be documented by the producer/applicant with the aid of artificially soiled test clothes which are washed in the process. The measurements of secondary effects such as bleaching effect, bleaching/damage factor, ash content, greying and fluidity increase can for instance be made with multi wash test clothes and analysed according to standard ISO 4312. |
| Use | User Information | <ul style="list-style-type: none"> The following must appear on the packaging, and/or on product information sheet or equivalent: <ol style="list-style-type: none"> Wash at the lowest recommended temperature. Always wash with the highest possible load, the textiles allow. Dose according to the dosing instructions and use the dosage according to water hardness and degree of soiling. Using this EU Ecolabelled product according to the dosage instructions will contribute to the reduction of water pollution, waste production and energy consumption. |
| Use | Information appearing on the EU Ecolabel | <ul style="list-style-type: none"> The optional label with the text box shall contain the following text: <ol style="list-style-type: none"> Reduced impact on aquatic ecosystems Limited hazardous substances Performance tested. The guidelines for the use of the optional EU Ecolabel logo with text box can be found on the website: http://ec.europa.eu/environment/ecolabel/documents/logo_guidelines.pdf |
| End of Life | Biodegradability | <ul style="list-style-type: none"> All surfactants must be biodegradable under aerobic conditions. All non-ionic and cationic surfactants must also be biodegradable under anaerobic conditions. The content of all organic substances in the product that are aerobically non-biodegradable (not readily biodegradable) (aNBO) and anaerobically non-biodegradable (anNBO) shall not exceed certain limits provided in the criteria document. |
| End of Life | Toxicity to aquatic organisms: critical dilution volume (CDV) | <ul style="list-style-type: none"> The critical dilution volume is calculated using the following equation: $CDV_{\text{chronic}} = \sum CDV_{(i)} = \sum (\text{weight}_{(i)} \times DF_{(i)}) / TF_{\text{chronic}(i)} \times 1000$ and shall not exceed the limits specified in the criteria document. Biocides, colouring agents and fragrances present in the product shall also be included in the CDV calculation even if the concentration is lower than 0.010% (100 ppm). |

