



The EU Ecolabel for Industrial and Institutional Automatic Dishwasher Detergents

"The official European label for Greener Products"

Choose the EU Ecolabel for your Industrial and Institutional Automatic Dishwasher 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
- Limited hazardous and sensitising substances
- Increased biodegradability
- Reduced packaging
- Documented efficiency
- Reliable user information

It can be awarded to single and multi-component dishwasher detergents, rinse and pre-soaks, designed for use in professional dishwashers. Sprays not dosed via automatic pumps are excluded from this product group.

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

Give your Industrial and Institutional Automatic Dishwasher 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 Automatic Dishwasher Detergents " product group: full criteria document and other useful information...

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

Meet your customers' demand

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

After more than 10 years of criteria for consumer detergents for dishwashers 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.



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 ingoing substances must not be included in the product: EDTA (ethylenediamine tetraacetate), Fragrances, Reactive chlorine compounds, APEO (Alkyl phenol ethoxylates) and APD (Alkylphenols and derivatives thereof). 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 may only include biocides in order to preserve the product, and in the appropriate dosage for this purpose alone. This does not refer to surfactants, which may also have biocidal properties. Colouring agents allowed in the product must not be bioaccumulating. Enzymes must be in liquid form or dust-free granulate and must be free from micro-organism remnants from manufacture. The total quantity of phosphates and other phosphorous compounds must not exceed the limit values specified in the criteria document.
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	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 performance and efficiency of the product must be satisfactory. The product must satisfy the requirements for the user test or internal testing in accordance with Appendix II of the criteria document.
Use	User Information	<ul style="list-style-type: none"> The following recommendations must appear on the packaging, and/or on product information sheet or equivalent: <ul style="list-style-type: none"> Dose according to the degree of soil, and the water hardness. Follow the dosing instructions. Using the EU Ecolabelled product according to the dosage instructions will contribute to the reduction of water pollution and waste production.
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 the aquatic environment Limited hazardous substance Performance tested The guidelines for the use of the optional label with text box can be found in the "Guidelines for use of the Ecolabel logo" 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 and 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 and colouring agents present in the product shall also be included in the CDV calculation even if the concentration is lower than 0.010% (100 ppm).

