



## Content

Day 1: Tuesday, 20th January 2015

1.	Introduction Summary of market and technical analysis
2.	<b>Detergent product groups scope and definitions</b>
	Coffee break
3.	Measurement threshold / Reference dosage/ dosage requirements
	Lunch break
4.	Toxicity to aquatic organisms criteria
	Coffee break
5.	Biodegradability criteria

1

## Scope and definitions



### Definition of detergents

The Detergent Regulation (EC) No 648/2004 defines:

- **Detergent** means any substance or mixture containing soaps and/or other surfactants intended for washing and cleaning processes. Detergents may be in any form (liquid, powder, paste, bar, cake, moulded piece, shape, etc) and marketed for or used in household or institutional or industrial purposes.

Other products to be considered as detergents are:

- **Auxiliary washing mixture:** intended for soaking (pre-washing), rinsing or bleaching clothes, household linen, etc.;
- **Laundry fabric-softener:** intended to modify the feel of fabrics in processes which are to complement the washing of fabrics;
- **Cleaning mixture:** intended for domestic all purposes cleaners and/or other cleaning of surfaces (e.g.: materials, products, machinery, mechanical appliances, means of transport and associated equipment, instruments, apparatus, etc.);
- **Other cleaning and washing mixtures:** intended for any other washing and cleaning processes

2



## Consumer laundry detergents

The product group 'consumer laundry detergents' shall comprise **any laundry detergent and pre-treatment stain removers falling under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents** which are marketed and used for the washing of textiles principally in household domestic machines but not excluding their use in laundrettes and common laundries.

**Pre-treatment stain** removers include stain removers used for direct spot treatment of textiles (before washing in the machine) but do not include stain removers dosed in the washing machine and stain removers dedicated to other uses besides pre-treatment.

This product group shall not comprise products that are dosed by carriers such as sheets, cloths or other materials nor washing auxiliaries used without subsequent washing such as stain removers for carpets and furniture upholstery.

The Detergent Regulation provides the following definition: **'consumer laundry detergent' means a detergent for laundry placed on the market for use by non-professionals, including in public laundrettes.**



## Consumer laundry detergents - Inclusion of fabric softeners

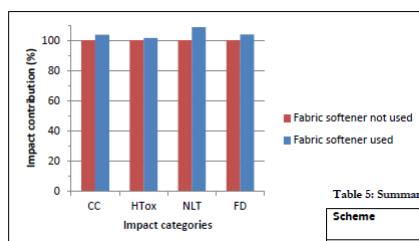


Figure 2: Sensitivity analysis of fabric softener use

Table 5: Summary of the approach taken by other ecolabeling schemes on fabric softeners

Scheme	Fabric softeners included in scope of laundry detergents?
Nordic Swan	No
Environmental Choice NZ	No
Current EU Ecolabel	No
Bra Miljøval (Good Environmental Choice)	Yes
Green Seal	Yes
Korea Eco Label	Yes
Singapore Green Labelling	No

### Consultation question

**Should fabric softeners be excluded or included in the scope of the EU Ecolabel?**


Scope and definitions

## Industrial and institutional laundry detergents

The product group 'industrial and institutional laundry detergents' shall comprise **any laundry detergent falling under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents** ~~laundry detergent products performed~~ **used by professionals in industrial and institutional facilities** sector.

Included in this product group are multi-component-systems constituting of more than one component used to build up a complete detergent or a laundering program for automatic dosing system. **Multi-component systems may incorporate a number of products including fabric softeners, stain removers and rinsing agents.**

This product group shall not comprise products which induce textile attributes such as **water-repellency, impermeability or flame retardancy** ~~water-repellent, waterproof or fire-proof~~, etc. Furthermore, the product group shall not comprise products that are dosed by carriers such as sheets, cloths or other materials, as well as washing auxiliaries used without subsequent washing, such as stain removers for carpets and furniture upholstery.

Consumer laundry products are excluded from the scope of this product group.

5



Scope and definitions

## Consumer dishwasher detergents

The product group '**consumer** dishwasher detergents' shall comprise **any** detergent for dishwashers and product used as rinse **falling under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents**, ~~whether in powder, liquid or any other form~~, which are intended to be marketed and used exclusively in automatic ~~domestic~~ **consumer** dishwashers and in automatic dishwashers for professional use, the size and usage of which is similar to that of **private use** ~~domestic dishwashers~~.

The Detergent Regulation provides the following definition: "**consumer automatic dishwasher detergent' means a detergent placed on the market for use in automatic dishwashers by non-professionals.**"

6



Scope and definitions

## Industrial and institutional automatic dishwasher detergents

The product group 'Industrial and Institutional Automatic Dishwasher Detergents' shall comprise **any** single and multi-component dishwasher detergents, rinse and pre-soaks that **falling under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents are** designed for use in professional dishwashers.

**Multi-component systems may incorporate a number of products including pre-soaks and rinsing agents.**

The following products are excluded from the scope of this product group: consumer automatic dishwasher detergents, detergents intended to be used in washers of medical devices or in special machines for the food industry.

Sprays not dosed via automatic pumps are excluded from this product group.

The Detergent Regulation provides the following definition: **"Industrial and institutional detergent means a detergent for washing and cleaning outside the domestic sphere carried out by specialised personnel using specific products."**

7



Scope and definitions

## Hand dishwashing detergents

The product group 'hand dishwashing detergents' shall comprise **any all** detergents **falling under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents** intended to be used to wash by hand ~~dishes-crockery, cutlery, pots, pans, kitchen utensils and so on~~ **glassware, crockery and kitchen utensils including cutlery, pots, pans and ovenware.**

The product group shall cover products for both private and professional use. ~~The products shall be a mixture of chemical substances and shall not contain micro-organisms that have been deliberately added by the manufacturer.~~

**Consultation question**

**Should micro-organisms be considered for inclusion in the EU Ecolabel?  
Background information on the subject is sought from stakeholders**

8


**Scope and definitions**



## Cleaning products

(All-purpose cleaners and sanitary cleaners)

The product group '**cleaning products**' shall comprise: all-purpose-cleaners, window cleaners and sanitary cleaners **that fall under the scope of Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents or are substances marketed for cleaning purposes**. The product group shall cover products for both private and professional use, **intended for indoor use and sold either in ready-to-use or undiluted form** and must not contain micro-organisms that have been deliberately added by the manufacturer.

a) All-purpose cleaners comprising **cleaning** detergent products intended for routine cleaning of hard surfaces such as walls, floors and other fixed surfaces.

b) Window cleaners comprising specific **cleaning** detergent products intended for the routine cleaning of windows, **glass and other highly polished surfaces** and other fixed surfaces, and which are either diluted in water prior to use or used without dilution. All-purpose cleaners shall mean products intended for indoor use in buildings which include domestic, commercial and industrial facilities.

c) Sanitary cleaners comprising **cleaning** detergent products intended for the routine removal, including by scouring of dirt and/or deposits in sanitary facilities, such as laundry rooms, toilets, bathrooms, showers and kitchens. This subgroup contains WC cleaners, bathroom cleaners and kitchen cleaners.

**Wipes containing cleaning agents are not eligible for the EU Ecolabel for cleaning products.**

9


**Scope and definitions**



## Consultation questions

**Consumer laundry detergents**

1. Should fabric softeners be excluded or included in the scope of the EU Ecolabel

**Hand dishwashing detergents**

1. Should micro-organisms be considered for inclusion in the EU Ecolabel?  
Background information on the subject is sought from stakeholders

**Cleaning products**

1. Should the product group name be changed from "all-purpose cleaners and sanitary cleaners" to 'cleaning products'?
2. Should **kitchen cleaners** be included under sanitary cleaners or APC?
3. Should **undiluted sanitary cleaners and window cleaners** be included?
4. Should the **EU Ecolabel** be restricted to products intended for indoor use?
5. Should **WC cleaners** be treated as a separate category and with limits under each relevant criterion?
6. Is an **explicit exclusion of wipes necessary**? Are there any other products which should be **explicitly excluded**?
7. Are there **any other products** which should be included? Especially those that are **not covered by the definition of detergent provided in the Detergent Regulation but that are marketed for this purpose**?



## Definitions

**"ingoing substances and mixtures"** means

- biocides, fragrances, colouring agents, and mixtures thereof, regardless of concentration in the final formulation,
- substances and mixtures intentionally added, by-products and impurities from raw materials, the concentration of which equals or exceeds 0,010% by weight of final formulation,

**"undiluted product"** means a product that is diluted in water prior to use; (applicable for APC)

**"ready-to-use (RTU) product"** means a product that should not be diluted in water before use; (applicable for APC)

**"concentrated product"** means a product that has a **"concentrated"** claim made by the manufacturer in the sense that less product is to be used for the same function and without dilution; (applicable for LD/DD/HDD)



## Definitions

**"primary packaging"** means

- for single doses in a wrapper that is intended to be removed before washing, the individual dose wrapping in direct contact with the content and the packaging conceived so as to constitute the smallest sales unit of distribution to the final user or consumer at the point of purchase, including label where applicable; (applicable to DD),
- for all other types of products, packaging conceived so as to constitute the smallest sales unit of distribution to the final user or consumer at the point of purchase in direct contact with the content, including label where applicable; (applicable to LD /DD)

**"primary packaging"** means packaging conceived so as to constitute the smallest sales unit of distribution to the final user or consumer at the point of purchase in direct contact with the content, including label where applicable; (applicable to IILD/IIDD/HDD/APC)

## Slide 11

---

**KR8** This section probably we need to still expand explaining the current differences  
KAPS Renata (JRC-SEVILLA), 09/01/2015