

Green Salon



Green Salon – hair dressing with environmental awareness

Introduction

The aim of Green Salon is to highlight hairdressers who make a systematic effort to improve their work by reducing the use of chemicals and the salons environmental impact. In a Green Salon, you can always get a treatment without harmful substances.

Green Salon is an advantage for both customers, the hairdresser, and the environment. In the short term we are working to expand the market for products without harmful cosmetics, and in the longer term, we work for a phasing out all harmful substances in cosmetics.

The focus of Green Salon is to avoid harmful chemicals, which are listed in *Annex A - Green Salon List of Banned Chemicals*. All Green Salons solely carry out treatments respecting the Green Salon List of Banned Chemicals. This also applies to apprentices and products for sale in the salons.

A Green Salon must meet ten mandatory requirements in order to be approved. These requirements relate specially to chemistry, resource consumption, and environmental impact. When the mandatory requirements are met, the salon can obtain a Green Salon Certificate. Furthermore, the salon shall work in other topics related to safety, environment, and energy in order to ensure an ongoing environmental improvement – see Annex B. It is assumed that existing environmental laws and safety legislation is complied with.

Green Salons' mandatory requirements

1. **The daily manager has knowledge of chemistry and health**

The salon manager has participated in the Green Salon course in chemistry, occupational safety, and health in hairdressing

2. **The salons' owner and staff has obtained a nationally recognized hairdresser training**

Apprentices must be engaged in recognized education programme

3. **No harmful substances from the Green Salon List of Banned Chemicals**

The owner, employees and apprentices are not allowed to use products containing these substances in the salon.

Products for resale, makeup and dyeing of eyebrows and eyelashes may not contain substances from the Green Salon List of Banned Chemicals. Products with substances on the Green Salon List of Banned Chemicals (appendix A), must be phased out before the salon can be certified as a Green Salon.



4. **The Salon is particularly attentive to allergy and hypersensitivity**
Before a treatment the client is asked if he/she is allergic to certain substances.
By allergic reactions the customers are advised to contact their doctor.
5. **Bleaching of hair may not come into contact with the scalp**
6. **All cleaning is done using eco labeled cleaners**
7. **If the salon offers refreshments to customers, these must be organically produced**
8. **Every second year the owner must participate in a Green Salon Brush-up Course**
9. **The owner must instruct staff in the importance of the Green Salon** as described in the Green Salon handout (see www.greensalon.dk)
10. **Electricity should be purchased as certified green electricity from windmills etc.**

How to become a Green Salon

Contact the Secretariat of the Green Salon, www.greensalon.dk or www.bricksite.com/greensalon

Price:

The cost of becoming a certified Green Salon certificate is DKK 3.000 (app. € 370) per year.

The price includes:

- An annual control from our consultant with a review of the salon's products and its energy and environmental conditions (in Denmark and Sweden). Salons abroad should annually send Green Salon Scandinavia a list of all their products. Green Salon Scandinavia attests that this list is compliance with Green Salon List of Banned Chemicals and certifies this. This list is part the salons annual certificate and should be visible in the salon.
- A booklet on health and environmental issues in hair dressing salons
- Diploma, stickers, logo files
- Presentation of the salon on website www.greensalon.dk and www.bricksite.com/greensalon
- Newsmail from Green Salon
- Membership of the Facebook group for Green Salon



Green Salon Course

The course is compulsory and arranged on demand. The course lasts one day. On the course, participants obtain knowledge about health conditions, health protection, legislation, chemical substances and environmental labeling related to cosmetics. Following the course the participant will be able to actively participate in improving the work environment and select products with less health- and environmental impact. The course also includes information on environment and energy in the salon.

Diploma, stickers and logo

Every year Green Salon Scandinavia controls that the individual salons stick to the mandatory criterias of Green Salon, and that no products with banned chemicals are present in the salon. If the salon still fulfills the Green Salon criterias the diploma is renewed.

The salon must display the diploma prominently in the salon, so that staff and costumers can see the requirements of a Green Salon.

After recertification the Salon will receive Green Salon stickers of the year. It is not required for the Salon to display the sticker in the shop window or door.

The salon is allowed to use the Green Salon logo on letterhead or website..

Contact

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Annex A: The Green Salon List of Banned Chemicals - chemicals not allowed in Green Salons

Green Salon Banned Chemicals			
Commonly used chemicals:	Why	Including	Use
1-naphthol	Strong sensitizer		Colour
Chemicals with aminophenol in their name	Strong sensitizer	m-aminophenol p-aminophenol o-aminophenol	Colour
Chemicals with phenylenediamine in their name	Strong/extreme sensitizer. Toxic. Irritating. With oxidation fluid it influences the immune system.	E.g. PPD and p-phenylenediamine sulfate, N-phenyl-p-phenylenediamine sulfate, N,N-bis-(2-hydroxyethyl)-2-nitro-pphenylenediamine, 2-Methoxymethyl-p-Phenylenediamine (= ME+ or ME-PPD)	Colour
Chemicals with resorcinol in their name	Allergenic, maybe endocrine disrupting.	Resorcinol 2-methylresorcinol 4-chlororesorcinol	Colour
Chemicals with toluene-2,5diamine in their name	Strong/extreme sensitizer, Toxic. Dangerous to health.	Toluene-2,5-diamine (=PTD) Toluene-2,5-diamine sulfate	Colour
Methylisothiazolinone and methylchlorisothiazolinone	Allergenic	Methylisothiazolinone = MI	Preservative
Chemicals with thioglycolic acid or thioglycolate in the name	Sensitizing and irritating		Permanent
Chemicals with phthalate in the name	endocrine disrupting (under suspicion)		Stabilizing



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Commonly used chemicals:	Why	Including	Use
Formaldehyde and formaldehyde releasers	Carcinogenous. Toxic.	DMDM Hydantoin 5-bromo-5-nitro-1,3-dioxane Quaternium-15 diazolidinyl urea imidiazolidinyl urea Benzylhemiformal 2-bromo-2-nitropropane-1,3-diol Methenamine Paraformaldehyde Sodium hydroxymethylglycinate	Preservativ e
Chemicals with parabene in the name Exception: Hair dyes with parabenes	Endocrine disrupting (to a small extent). Allergenic. Some parabenes are slowly degradable in the environment.		Preservativ e
Phenacetin	Carcinogenous		Analgesic
Microplastics	Probably dangerous to the environment	Polyethylene (PE), Polyethylene Terephthalate (PET) og Polymethyl Methacrylate (PMMA)	
Cyclopentasiloxane in leave-in and spray	Toxic	D5, decamethylcyclopentasiloxane	
HC Orange no. 2	Strong sensitizer		Colour
Octyl methoxycinnamate	Estrogenic effects, bio-accumulating	Ethylhexyl Methoxycinnamat, OMC	Sun screen



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Commonly used chemicals:	Why	Including	Use
BHA and BHT From 1st January 2019	Environmental danger: bioaccumulating and slowly degradable in the environment	butylated hydroxyanisole Butylated Hydroxytoluene, 2,6-di-(tert-Butyl)-p- Cresol	
Nano compounds, all kinds, except nano titanium From 1st January 2019	Environmental risks	E.g. nano silver. Exception: Nano titanium, TiO ₂	

Green Salon Banned Chemicals			
Rarely used chemicals:	Why	Including	Use
hydroxyethyl-3,4- methylenedioxyaniline HCl	Strong sensitizer		Colour
1-hydroxyethyl-4,5-diamine	Extreme sensitizer	1-hydroxyethyl-4,5-diamino pyrazole sulfate	Colour
4-amino-m-cresol	Strong sensitizer		Colour
4-amino-2-hydroxytoluene	Strong sensitizer	4-amino-2-hydroxytoluene sulphate	Colour
3-nitro-p- hydroxyethylaminophenol	Extreme sensitizer.		Colour



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Rarely used chemicals:	Why	Including	Use
4-amino-3-nitrophenol	Extreme sensitizer.		Colour
2,6-Dihydroxy-3,4dimethylpyridine	sensitizer, organ damage		
2-amino-6-chloro-4-nitrophenol	Strong sensitizer, maybe mutagenic		
3-benzylidene camphor	embryotoxic, estrogenic		
4,4'-dihydroxybenzophenone	maybe endocrine disrupter: high concern		
4-methyl-benzylidene camphor	estrogenic effects, slowly degradable		
6-hydroxyindole	extreme sensitizer		
benzophenone-2	estrogen, cat. 1		
dihydroxyindole	extreme sensitizer		
HC red no. 1	extreme sensitizer		
Isatin	extreme sensitizer		
isopropyl cloprostenate	endocrine disrupter		
phenyl methyl pyrazolone	Strong sensitizer		



Annex A: The Green Salon List of Banned Chemicals - chemicals not allowed in Green Salons

These chemicals have been selected for Green Salons List of Banned Chemicals due to their exceptionally dangerous characteristics and because they are legal in cosmetics in the EU. In order to reflect new knowledge the list may be revised. Green Salon has chosen to focus on these chemicals, but we are aware, that a number of other cosmetic chemicals have allergenic characteristics.



Annex B: Green Salons List of initiatives - choose three new initiatives each year. The list is optional and the salon is free to choose other areas of interest.

1. Energy

1.1 Energy savings are realised according to the recommendations in the Energy report

1.2 The electricity consumption is examined.

The electricity meter is checked on a regular basis to ascertain the consumption.

A watt-meter is obtained to measure the consumption of all appliances. An evaluation is made whether the electricity consumption of the appliance is unreasonably large in relation to similar new appliances.

1.3 Standby current consumption is minimized.

All electrical appliances are turned off, when not in use.

IT equipment has sleep-mode.

Computers, printers and allied equipment are hooked up to a switchable power bar that will turn all appliances off simultaneously.

1.4 Optimized use of washers and dryers.

The washing machine is filled before each wash.

Clothes are dried on a clothes-line wherever possible.

1.5 All major appliances are replaced with Energy Star models or other recognized standards.

1.6 CO2 neutral energy supply

The Salon buys electricity from a provider of green energy.

1.7 Renewable energy etc.

The Salon has installed or invested in a renewable energy source

2.1 The ontime for lighting is reduced.

All non-essential lighting is switched off when the shop is closed. Fewer halogen spots or fluorescent lights may be used to light workspaces after hours.

2.2 The time for lighting shop windows is reduced.

Lighting in shop windows may be cut by - for instance - one hour each night. That makes 365 hours in a year.



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3. Heating – behaviour

- 3.1 **Doors are kept closed, when the heating is on.**
- 3.2 **The thermostat is set to lower temperatures at night.**

4. Water

- 4.1 **Water is saved by using an aerator on the taps.** The aerator will mix air into the water, thereby reducing water consumption by 25 %.
- 4.2 **An older toilet is exchanged for a new model with dual flush.**

5. Green purchases

- 5.1 **Only ecolabeled paper is used.**
Toilet paper, paper towels, office stationary, napkins
- 5.2 **No disposable plates or cups are to be used**
- 5.3 **Ink cartridges must be ecolabeled** and returned to dealer for reuse or disposal.

6. Product range and chemicals

See Green Salon Mandatory Requirements on products point 3 and Annex A.

7. Transport

Parking for staff bicycles is improved.
Shower facilities for staff using bikes for commuting is installed

8. Waste disposal

- 8.1 **Waste separation is improved.** Local regulations for waste separation are checked for sorting out paper, cardboard, glass etc. Batteries and fluorescent lights are always returned for recycling.
- 8.2 **The amount of waste is reduced.** All transport packaging is returned to supplier. Empty containers are accepted from customers.

Other environmental improvements may be formulated by the salon.

In the future all renovation of the shop must include energy efficiency and environmentally friendly solutions.

