



A leave-in conditioner with anti-pollution properties. The hair is left protected and revived from the conditioning agents at work. It's conditioning effects leave the hair shiny and soft, without leaving the hair heavy.

**BARENTZ**  
PERSONAL CARE

Anti-Pollution  
Leave-In Conditioner

Anti-Pollution Leave-In Conditioner					Code #Fo00074Vo1
Supplier	Description	INCI	w/w %	Phase	Product Information
Local	Deionised Water	Aqua	79,4	A	
Natura-Tec	Natura-Tec Rice Starch	Oryza Sativa Starch	9	A	A bulking agent that forms a gel texture when heated in solution. Produces a smooth non-sticky thick gel. A Carbomer alternative. COSMOS approved.
Inolex	Procondition 22	Brassicamidopropyl Dimethylamine	1	A	Hair conditioning agent. Provides hair lubricity and shine.
Roquette	Beaute By Roquette DS 146	Cyclodextrin & Sorbitol & Polyglyceryl-3-diisostearate	3	B	An O/W emulsifier, works in sprays, lotions and creams. Not pH dependant, and stable over a wide range of pH. Ideal for hot and cold process formulations.
Natura-Tec	Natura-Tec Abysoft	Crambe Abyssinica Seed Oil Phytosterol Esters	3,5	C	A naturally derived effective moisturising agent that provides excellent hydration for the hair. It Provides a good conditioning and protective effect forming a thin layer on the hair. COSMOS Approved.
Vitablend	Tocoblend L70 IP	Tocopherol (and) Helianthus Annuus Seed Oil	0,2	C	Repairs damaged hair follicles, and promote healthy hair growth. It also helps to protect the hair from the sun and other environmental factors.
Natura-Tec	Natura-Tec Sapote Oil	Pouteria Sapota Seed Oil	2	C	It's ideal for stimulating hair growth, and acts on slowing down hair loss. Leaves the scalp soothed and nourished, and the hair brighter and smoother.
Ashland	Escalol 577	Benzophenone-4	0,1	D	A water soluble UV inhibitor. Reduces the effects of sunlight on the hair helping the hair maintain its desired colour.
Ashland	830412 Optiphen	Phenoxyethanol (and) Caprylyl Glycol	0,8	D	Preservative.
Firmenich	Tea Caddy 139174B	Parfum	0,5	D	Fragrance.
Ashland	Procataline™ G2 Biofunctional	Water (and) glycerin (and) Pisum Sativum (Pea) Extract (and) Salvia Hispanica Seed Extract	0,5	D	Anti-pollution active. Shelters the hair, hair root, and scalp against pollution. As a result it reduces the hair damage that can be present on the hair surface.

## Method

- 1 Heat water at up to 70°C as you gradually add the rice starch.
- 2 Once thickened add the Procondition 22 whilst the temperature is still high.
- 3 When the temperature has reduced to 40°C add the DS 146 (phase B) then mix for 10 minutes.
- 4 Add phase C.
- 5 Add phase D into the beaker and homogenise the formulation for 2 minutes.
- 6 Lastly adjust the pH: 4.0-4.5

**Appearance** White Thick Viscous Emulsion

**Odour** Fragrance

**Viscosity** 9,600cP-11,600 (spT-C, 10rpm)

**pH** 4.0-4.50

**Stability Results** TBC

## Directions for use

Pump a generous amount onto the hand before applying it to wet hair, and allowing the hair to dry.

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