

# CosmeGreen™ PC50

INCI : Stearyl/Behenyl Betainate Esylate (and) Stearyl/Behenyl Alcohol

## Benefits

- **Wet combing:** Similar performance to BTAC (1% AM)
- **As soft as BTAC** (2% AM)
- **Cost-effective** (45-50% AM)
- **Non-irritating to skin**
- Designed from **Green Chemistry** principles
- **100% biobased material**
- **Renewable feedstock**

## Natural and performing hair conditioning agent to replace BTAC

CosmeGreen™ PC50 is a **COSMOS** certified **palm-free** cationic, supporting sustainable sourcing. It brings **naturalness** to your formulations without compromising on performance : **detangling** and **smoothing** power, color retention and curl preservation benefits.

## Applications :



- Hair conditioners
- Hair treatments (Mask, serum...)
- Skincare



UPCYCLED MATERIAL  
FEEDSTOCKS



COSMOS



READILY  
BIODEGRADABLE



NATRUE



ISO 16128 = 1



PALM FREE



VEGAN COMPLIANT



MADE IN  
FRANCE

# CosmeGreen™ PC50

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## Sustainability, Low eco-toxicity, Performances

CosmeGreen™ PC50 seeks **high-performance** with eco-friendly **conditioning agents** for natural and sustainable **hairecare emulsions**.

### Green Chemistry



- No waste
- Solvent-free process
- Low energy manufacturing process

### Environmentally friendly



- Has not been tested on animals
- Free of GMOs
- Free of pesticides
- Free of BSE and TSEs
- Does not contain microplastics

### Sustainable



- Readily biodegradable: 94% at 28 days (OECD 301B)
- Non-toxic to aquatic life: 64 times less than BTAC
- 24 months shelf-life

### Operating Mode



#### *Recommended Use Level :*

- 2 – 8 % for emulsions
- 15 – 45% for solid formats
- pH <5
- Melting point : 65 – 70 °C

### Contact

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### Why SurfactGreen ?

SurfactGreen specializes in the research, development and production of high-performance biobased surfactants, offering an eco-responsible alternative to petroleum-based products such as BTAC.