



inci-news

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f u t u r e c o s m e t i c s

Dear customers and partners,
our newsletter No. 6 provides exciting news from the world of cosmetics raw material

We are very pleased about your interest, your inquiries, suggestions and the professional exchange,
your inci-experts

As one of the pioneers in this field, we are very pleased to see that "Clean & Green" is establishing itself as a global standard. Sustainability, environmental issues, resource-saving raw material technologies, and minimalist formulas are topics that are by now not only relevant in the natural cosmetics sector.

Terms as "Natural Origin Index", "regional origin" or "upcycling" are spreading and conquering the whole cosmetics world – because that's exactly what consumers are asking for.

Upcycling is a form of recycling

But unlike recycling, the material to be recycled is given a new value in a new use without mechanical or chemical modification. Upcycling therefore consists of enhancing objects or materials that are destined to be discarded in order to enable a new use and thus a second life. The recycling of waste products contributes sustainably to saving valuable natural resources, saving energy, reducing the carbon footprint, and improving waste management and accordingly reducing of pollution.

This year we were finally able to visit fairs again and had the chance to discover great raw materials. The product development team presents you our top 3 discoveries on upcycling!

Our Top 3 Upcycling Issues

Fragrances with raw materials from upcycling processes

1. **TechnicoFlor** is a French, family-run perfume house with a focus on fair trade, biodiversity and good biodegradability in their development of perfume oil creations. They make use of substances from upcycling processes. The waste products used to obtain fragrances are gained for example from the wood industry (cedarwood oil), from clementine peels obtained during juice production (citrus oil) or distillates from the sediments of wine aging. The new **TechnicoFlor** collection with 8 fragrances consists of materials from upcycling processes accounting between 60% and 99%!

Active ingredient from waste products of lavender oil production

2. The demand for active substances that protect the skin from external environmental pollution is constantly increasing. Whereas the harmful influences that prevail indoors are unjustly neglected. Particularly VOCs (Volatile Organic Compounds), PAHs (Polycyclic Aromatic Hydrocarbons) and others have been proven to cause oxidative stress.

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In an in-vivo study Lucas Meyer shows that **Wastar Lavender** protects the skin from this kind indoor oxidative stress, thereby reducing skin irritation and contributing to a radiant complexion. **Wastar Lavender** (Waste + Star) is obtained by upgrading by-products in the process of extracting lavender essential oil in Provence, France, and excellently serves concepts such as "well-being at home".

Functional raw materials gained from the waste of the paper industry

3. Connect Chemicals has succeeded in developing an extremely innovative raw material range developed from paper industry waste that seems to comply with all requirements: 100% natural origin, biodegradable, COSMOS compliant, vegan AND obtained through upcycling. The Citropol product range includes **Citropol F**, a fragrance fixative and carrier.

Citropol F stabilizes essential oils and fragrances. As a result, they unfold a higher intensity and are also released in a controlled way over a longer period of time. According to the manufacturer, 0.25%

Citropol F can prolong the perception of fragrance in a cream by a factor of 5. This means that the concentrations of essential oils and fragrances can be reduced, at the same time the consumer gets a long-lasting experience. Thus it is a very exciting raw material that can not only be used in perfumes, but should also offer solutions for better compatibility or shorter allergen declarations, accordingly.

In addition to **Citropol F**, the Citropol product range offers other further interesting raw materials, especially for hair care, which we will certainly report on in future newsletters.

How to turn upcycling into „Future Cosmetics“

Our top 3 upcycling raw materials can be wonderfully combined, for example, in a "**Cocooning-Me**" face spray, which makes the Sunday feeling last:

- Concept "well-being at home"
- Protection against indoor oxidative stress, skin soothing
- Fragrance inviting to relaxation: "Raisin Divin Natflor", top note upcycling white-grapes, heart note rose, fiat trafe chamomile, gardenia, base note dragee, davana, vanilla
- Formula vegan, 100% natural origin, COSMOS compliant, high percentage of upcycling substances

Interested in such a formula?

Please do not hesitate to contact us!

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