

Is the Beauty Industry Prepared for the Rise of **Ecological Activism**?



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Introducing Upcycled Cosmetic Ingredients



Upcycled ingredients are emerging as sustainable solutions in beauty, sourced from by-products of food, beverage, and agriculture industries.



Driven by demand for eco-friendly beauty products.

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Challenges with Adopting Sustainable Cosmetics Ingredients

- ❗ **Extraction Complexity:** Difficulty in efficiently isolating valuable bioactive compounds.
- ❗ **High R&D Costs:** Significant research, development, and commercialization investment is required.
- ❗ **Quality & Safety Concerns:** Risk of contamination from mold, bacteria, or environmental toxins.

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Latest Industry Trends & Developments

-  The **European Green Deal** and such global sustainability initiatives encourage the **adoption of upcycled ingredients** in cosmetics.
-  Brands are collaborating with **food, beverage, biotechnology, and agriculture companies** to **source by-products** for upcycling.
-  **Enzyme-assisted extraction** and **supercritical CO₂ techniques** improve upcycled ingredient processing efficiency and sustainability.
-  Companies leverage **blockchain and AI** to ensure supply chain transparency and authenticate **upcycled ingredient sourcing**.

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Leading Companies in Upcycled Ingredients

Givaudan

Swiss leader in flavors, fragrances, and active cosmetic ingredients, committed to sustainability.



German global supplier focused on upcycled components for beauty products.



French company specializing in sustainable vegetable oils and upcycled ingredients.



Swiss producer of cosmetic and nutritional ingredients, including upcycled sources.



American green chemistry innovator, developing upcycled ingredients for cosmetics.

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What's Next for the Industry?



Certification for Upcycled Ingredients.



More cosmetics brands would focus on integrating waste-valorized ingredients into formulations.



Companies elevate their efforts to repurpose industrial waste for sustainable cosmetic packaging.



Conscious beauty driven by transparency, ethical sourcing, and upcycled product claims.

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The Future is Circular

Upcycled beauty is here to stay!

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