



Skin care

Meet challenges head on in a market that demands natural, vegan, waste- and plastic-free products with Jungbunzlauer's broad spectrum of bio-based ingredients.

Natural ingredients

Jungbunzlauer organic acids (citric acid, lactic acid and gluconic acid), ERYLITE® Erythritol and xanthan gum are manufactured by fermentation of glucose syrup derived from the renewable raw material, corn. Organic mineral salts are obtained by neutralisation with a mineral source and organic acid esters are obtained by esterification with alcohol.

Jungbunzlauer products are vegan and cruelty-free. Most products of the Jungbunzlauer portfolio are COSMOS APPROVED by ECOCERT for the use as raw materials in COSMOS NATURAL certified cosmetic products.

Based on guidelines on technical definitions and criteria for natural and organic cosmetic ingredients and products ISO 16128-1:2016 (definitions for ingredients) and ISO 16128-2:2017 (criteria for ingredients and products), Jungbunzlauer products can be considered as "natural" or "derived natural" with a corresponding natural origin index.

Benefit from our natural ingredients:

- Jungbunzlauer ingredients as natural exfoliating agents
- Virucidal activity of lactic acid as natural, sustainable and gentle active ingredient
- Lactic acid as natural component for pH adjustment, for moisturising and antibacterial purposes in intimate wash



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Sustainability

Jungbunzlauer has created innovative formulations without water to help lower users' carbon footprints. These water-free formulations come in compact packages. This means less plastic waste and smaller transport volumes, which leads to lower emissions.*

Take care of your skin with sustainably made, safe and easy to use ingredients:

- Sodium gluconate acts as an EDTA replacement, sodium lactate as a moisturiser and hardener and ERYLITE® as a moisturiser and foaming agent in soap bar formulations
- Trisodium citrate anhydrous acts as natural and biodegradable abrasive in face scrub formulations in tablet form

Free-from formulations

Microplastic-free

Jungbunzlauer offers various solutions to replace microplastics and synthetic thickeners.

Xanthan gum is an effective bio-based hydrocolloid with exceptional rheological behaviour, making it ideal to replace synthetic thickeners and stabilisers. Jungbunzlauer offers different grades of xanthan gum tailored to meet your formulation needs.

Pamper your face, guilt free:

- Microplastic-free peel-off masks with Jungbunzlauer ingredients
- Microplastic-free thickening with xanthan gum in shower gel, skin gel and skin cream



Eliminate synthetic preservatives

Preservatives ensure safety and shelf stability of cosmetic products by protecting them against the growth of microorganisms during storage and consumer use. Zinc lactate, lactic acid and glucono-delta-lactone offer natural preservation support and further benefits.

- Lactic acid has exfoliating properties and lactates are applied as humectants and moisturisers
- Zinc lactate offers skin soothing and anti-inflammatory properties
- Replace phenoxyethanol with glucono-delta-lactone to support preservation naturally

Sun protection

Exposure to UV radiation is the main cause of the most common forms of skin cancer. One of the most effective ways to avoid it is sunscreen.

- Use CITROFOL® as a solvent of organic UV filters
- CITROFOL® works as an emollient in sunscreen formulations to improve the skin-feel and spreadability of inorganic UV filters



*For more information on our engagement in sustainability, please consider our [website](#), where also the latest Sustainability Report is available.

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