



Cleaning with clear conscience

Sustainable home care solutions

Consumer purchase patterns and surveys clearly indicate an increasing awareness of health and the environment. As a result, there is a growing demand for cleaning agents that are not only effective in keeping homes and premises sparkling clean, but also safe to handle, gentle on delicate surfaces, and environmentally friendly.

At Jungbunzlauer, we understand these concerns and offer solutions that meet these requirements by formulating with ingredients of natural origin.

Enhancing texture and stability

Many cleaners use thickeners to improve their ability to cling to surfaces, resulting in a more efficient cleaning outcome. Jungbunzlauer provides a wide range of [xanthan gum grades](#) to meet different formulation challenges. Our focus lies in:

- Ensuring stability and compatibility of [xanthan gum grades](#) with common surfactants and bio-surfactants at different pH values
- Harnessing the foam-stabilising properties of [xanthan gum](#)
- Providing formulation examples for reference





Green and powerful chelation

Chelating agents play a crucial role in many cleaners and detergents. By capturing metal ions, they reduce water hardness and prevent deposits such as scale on surfaces. [Jungbunzlauer](#) offers a range of sustainable chelating agents:

- [Sodium gluconate](#), which is highly efficient at high alkaline pH and outperforms many commonly used chelating agents
- [Sodium citrate](#), a viable alternative to synthetic chelating agents at moderately alkaline pH levels

Functional formulations

Certain surfaces or domestic environments require specialised cleaners to achieve optimal performance. At [Jungbunzlauer](#) we offer solutions for the following:

- Sensitive surfaces: Our gentle cleaner formulations, formulated with [gluconic acid](#), are designed to be safe and effective while maintaining compatibility with a variety of materials
- Kitchen cleaner: Our kitchen cleaner combines powerful descaling and degreasing properties, utilising [Jungbunzlauer acids](#) and [CITROFOL® AI](#), to tackle tough kitchen messes



Increasing concentration – reducing waste

One way to combat packaging waste is by offering concentrated cleaning products that consumers can dilute at home. At [Jungbunzlauer](#), we demonstrate how this is possible with our green ingredients:

- [Citric acid](#) and [lactic acid](#), known for their efficient descaling properties, offer effective cleaning results
- Our concentrates deliver stable formulations without the need for additional preservatives, ensuring a safe and effective cleaning experience

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The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.