

A plus in food safety

The new processing aids of the Klüberfood 4DC series can play many roles in food production – and in each of these roles they contribute to greater product safety and process stability.

To produce safe products for your customers and safeguard your company's reputation, it is essential to eliminate any risk factors in production. Safe materials and streamlined processes help you in achieving this goal. Often overlooked, but of great importance in this context: processing materials such as lubricants, anti-rust agents and others. They make an important contribution to a food-safe production.

The name says it all: The products of the Klüberfood 4DC (Direct Contact) series are processing aids which can come into direct contact with food without changing the product. They can also replace many of the different processing materials used in production. They support food manufacturers in 4 main areas:

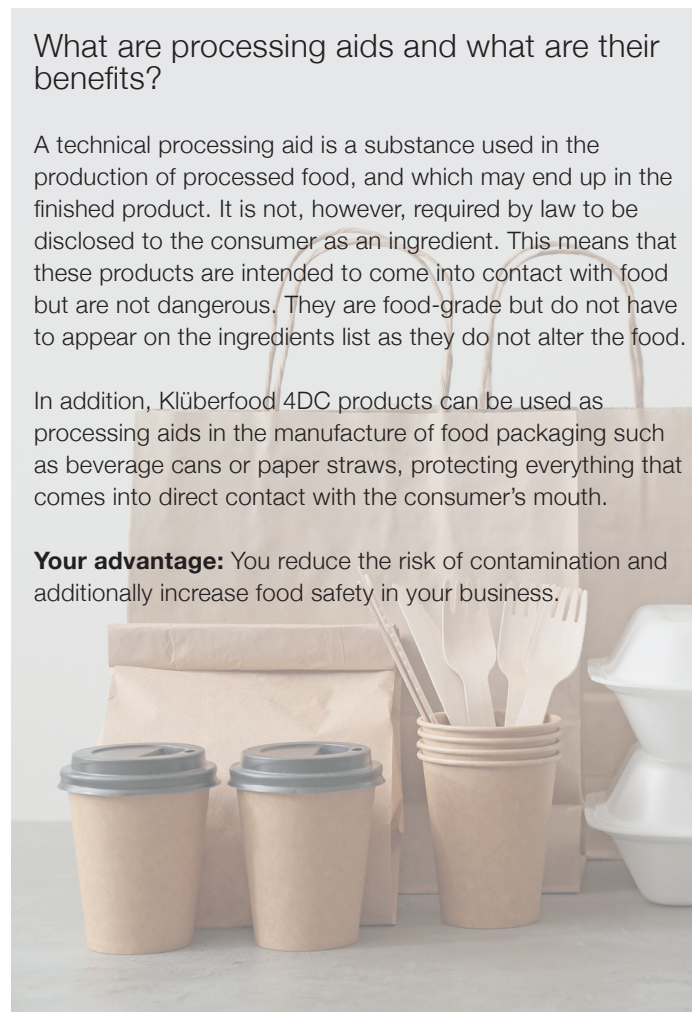
- ▶ **For direct food contact:** Klüberfood 4DC products are intended for direct food contact. They consist of 100 % food grade ingredients of vegetable origin and are also free of genetically modified organisms (GMOs) and allergens. Palm oil-free solutions are also available if required.
- ▶ **Food safety:** Food safety benefits from Klüberfood 4DC because these products have no influence on the final product. They can therefore come into contact with the food products without causing any problems – unlike NSF H1, which are approved for unintentional, occasional contact with foodstuffs or 3H release agents based for example on white mineral oil. Klüberfood 4DC are formulated exclusively with vegetable ingredients.
- ▶ **Compliance:** Klüberfood 4DC products are manufactured in an IFS and BRC certified company. They comply with EC (No.) 1333/2008 and are of course also certified as Halal and Kosher.
- ▶ **Sustainability:** You can also support your sustainability goals with Klüberfood 4DC. The raw materials that make up Klüberfood 4DC come from sustainable sources. Another plus: with these high-quality products, consumption can be significantly reduced compared with other products, and residues on the line requiring frequent cleaning.

What are processing aids and what are their benefits?

A technical processing aid is a substance used in the production of processed food, and which may end up in the finished product. It is not, however, required by law to be disclosed to the consumer as an ingredient. This means that these products are intended to come into contact with food but are not dangerous. They are food-grade but do not have to appear on the ingredients list as they do not alter the food.

In addition, Klüberfood 4DC products can be used as processing aids in the manufacture of food packaging such as beverage cans or paper straws, protecting everything that comes into direct contact with the consumer's mouth.

Your advantage: You reduce the risk of contamination and additionally increase food safety in your business.



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Versatile processing aid

Products of the Klüberfood 4DC series are versatile processing aids for the food industry. The 8 products of the Klüberfood 4DC family can perform different functions:

- ▶ Release agent
- ▶ Corrosion protection and anti-rust effect
- ▶ Lubricant in sliding friction points
- ▶ Metal forming fluid
- ▶ Barrier fluid in mechanical seals
- ▶ Anti-sticking and cleaning agent

The advantage: You can structure your processes more efficiently and safely by using safe processing aids instead of conventional mineral oil based fluids. The risk of confusing materials is considerably reduced by streamlining the product range.

A helper for your audits

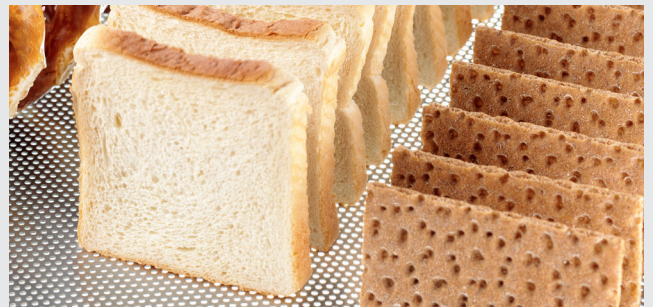
Processing aids from Klüber Lubrication will help you pass the next audit, as their use helps to reduce the risk of contamination, for example from mineral oil. And since these products are so versatile, you can use them for many different tasks in your production.

The right partner for your food safety strategy

To reduce the risks of contamination and make your production line food-safe, you can greatly benefit from the support by a pioneering partner. Klüber Lubrication is a globally leading supplier of lubricants and can support you in many ways.

Beneficial for many applications

Klüberfood 4DC products are versatile not only in their functions, but also in their areas of application. Klüberfood 4DC can be used in numerous components, such as cutting equipment, or can forming lines, or many others. The field of application of these versatile products covers many sectors of the food industry.



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Geisenhausenerstraße 7, 81379 München, Germany, HRA 46624
www.klueber.com