

KIMILOID BF BEER



KIMILOID (Propylene Glycol Alginate) is used at lower concentrations than many alternative hydrocolloids. KIMILOID BF has been used for many years in the beer industry to enhance beer foam stability.

Improve Foam Stability / Maintain a Creamy, Uniform Foam

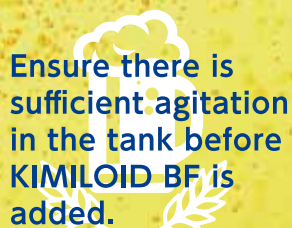
Help overcome natural variability in the crop-based ingredients that affects foam quality. Protect foam against damage from fat, detergent and cosmetic residues on glassware.

KEY POINTS

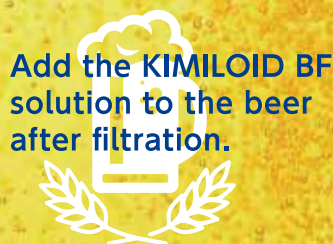
Prepare 1-2% KIMILOID BF solution.



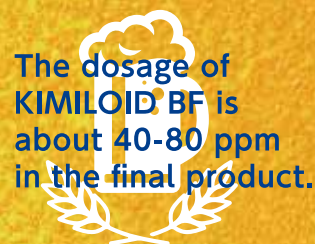
Ensure there is sufficient agitation in the tank before KIMILOID BF is added.



Add the KIMILOID BF solution to the beer after filtration.



The dosage of KIMILOID BF is about 40-80 ppm in the final product.



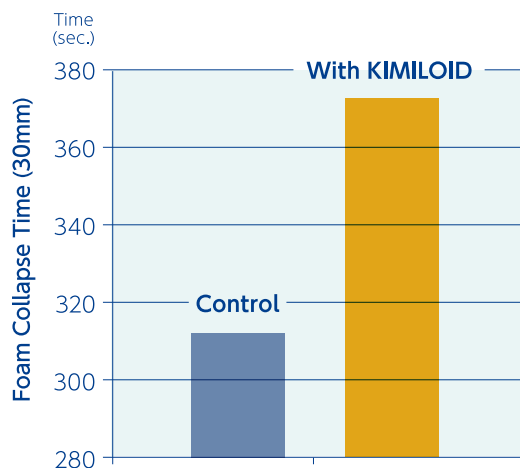
Control



With KIMILOID



KIMILOID BF increases the hydrophobicity of the foam bubbles and form a coat around the bubbles, altering the surface tension and reducing the rate of bubble drainage (foam collapse)



Marine Biopolymers Alginate

Alginate is a natural polysaccharide unique to brown seaweeds such as kelp. It is widely used in various fields, such as food, pharmaceuticals, cosmetics, and textile printing, as an essential material for promoting people's health and enriching their lives.

Alginate in the seaweed forms sea minerals and salts, filling the intercellular spaces in a gentle jelly-like state. The flexibility of swaying seaweed in the ocean is attributed to the distinctive properties of alginate. Accounting for 30-60% of the dried seaweed, alginate can be described as a natural dietary fiber, often referred to as the "primary component of seaweed."

KIMICA's alginate is gaining a reputation as a "sustainable material" extracted from brown seaweed that has completed its lifecycle and washed up on the shore, using a production method which maximizes the utilization of natural energy.

KIMICA Alginate – a highly valued, sustainable material.



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