

Product Description

KiGel® Clear is a pure, highly effective silicic acid gel with optimally stabilizing adsorption spectrum. It is free from beer-soluble components. The application of KiGel Clear® complies with the regulations of the German Purity Law and §9 of the German Provisional Beer Law. Tested by specialized laboratories for purity and quality.

Product and Effect

KiGel® Clear is produced hydrolytically from natural minerals, specially obtained from specific silicates. KiGel® Clear adsorbs the haze-producing proteins in beer. Product parameters such as active surface, pore diameter and pore volume assure an optimum effect to improve chemical-physical stability. Filter throughput and filtrate are in accordance with the requested standard.

Aim of Treatment

- improvement of chill stability
- no impact on filter performance and filter capacity
- no impact on foam and bitter substances
- economic method of stabilization

Application

KiGel® Clear has an optimal activity spectrum, its application depends however on the respective individual brewing technology and the specific requirements for beer stability and shelf life of the brewery.

Application possibilities

- stabilization during kieselguhr filtration (D.E. filtration)
- stabilization with buffer tank before kieselguhr filtration
- stabilization during transfer
- combined stabilization with PVPP
- combined stabilization with Beerzym Chill*

Dosage

The dosage has to be adjusted to the individual operational conditions of the brewery and depends on raw materials and brewing process.

Guide values:

50 g/hL = 3 months

60 g/hL = 6 months

100 g/hL = 12 months

*When using Beerzym Chill, the respective laws and regulations for foodstuffs of the individual countries have to be adhered to.

Storage

KiGel® Clear is an adsorbant. Store in original packaging in a dry and well ventilated place. Use up opened packagings soon.

Please note:

When applying KiGel® Clear the food regulations of the individual countries currently in force have to be adhered to.