

Product Description

KiGel[®] Clear is a pure, highly efficient silicic acid gel with optimally stabilizing adsorption spectrum. It is free from beer-soluble components, purity and quality comply with the laws and regulations presently in force.

Silicic acid gel

Product and Effect

KiGel[®] Clear is produced hydrolytically from natural minerals, particularly from specific silicates. KiGel[®] Clear adsorbs the haze-producing proteins in beer. Product parameters such as active surface, pore diameter and pore volume, assure 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 range of action, its application depends however on the respective individual brewing technology and the specific requirements for 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:

35 g/100 l = 3 months

55 g/100 l = 6 months

90 g/100 l = 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. It is recommended to store the product in impeccable packaging in a dry and well ventilated place. Use up opened packages as soon as possible.