

Top quality silica gel to  
optimize the chemical-  
physical stability

### **Product Description**

KiGel® Hydro is a highly efficient amorphous silicic acid hydrogel. KiGel® Hydro is produced synthetically. It is a white powder.

The application of KiGel® Hydro 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® Hydro selectively adsorbs proteins of high molecular weight in the beer. Product parameters such as surface, pore diameter and pore volume assure optimum effect on haze-producing substances without affecting the foam.

### **Aim of Treatment**

- improvement of chemical-physical stability
- no impact on foam and bitter substances
- economic method of operation

### **Application**

The application of KiGel® Hydro depends on brewing technology and requirements for beer stability and shelf life. It is equally possible to conduct sedimentation processes or continuous contact processes.

### **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:

- 60 g/hL = 3 months
- 80 g/hL = 6 months
- 120 g/hL = 12 months

### **Storage**

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

### **Please note:**

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