



Silica Hydrogel

Other Names

Silica Gel

Description

Silicon dioxide manufactured for treatment of lighter adjunct type beers. It removes specific proteins responsible for formation of chill haze. Hydrogels have a more specific adsorption for proteins typically found in adjunct beers. They have no impact on foam forming proteins, flavor, or filtration throughput. Silica gels are of an amorphous nature and are safe to use.

Properties

This silica hydrogel has very good stabilizing performance in adjunct type beers. It appears to be a dry powder but is at approximately 65% moisture content making for minimal dusting. It is compatible with all types of filtration and also combined stabilization treatment regimes with PVPP and silica xerogels.

Directions for use

Hydrate in water in a 10% water slurry. It can be dosed via separate dosing tank and direct injection into process stream, or added to the DE slurry and becomes part of the pre-coat and the bodyfeed while filtering beer.

Dosage

Typical use is at 100 gms/HL (25 lbs/100 bbls)

Packaging

50 lb bag