

# QUEL Beer Clear 30

Clarifying Agent

## Description

QUEL BEER CLEAR 30 is an aqueous dispersion specially designed for beverage fining processes and may be used where biocides must be avoided. Particles in solution are optimally shaped and distributed to aid beer clarification in cold processes.

## Key Properties

- Formulated to optimize the clarification process to minimize processing time and increase overall quality
- Aids in the rapid sedimentation of yeast and other particles that contribute to haze

## Technical Data

Appearance	Colorless, opalescent liquid
Specific Gravity	1.2
Silica, wt%	30
pH (Conc.)	9 – 10
Viscosity, Dynamic	< 50 mPa.s
Specific Surface Area	360 m <sup>2</sup> /g

## Use Instructions

QUEL BEER CLEAR 30 dosing should be determined by brewery scale trials and is dependent on the system process and chemistry. The typical dosage range is 200 to 2000 ppm.

QUEL BEER CLEAR 30 can be dispensed by pouring, pumping, or educting through DuBois equipment. Ideally it should be added during transfer to the aging tank for optimal dispersion, but can be added directly if good agitation is provided. Contact your DuBois sales representative for equipment options.

## Authorization/Approvals

QUEL BEER CLEAR 30 meets the United States Food and Drug Administration requirements for Title 21 CFR 172.480(4)(c) to be used or intended for use as a stabilizer in the production of beer in an amount not to exceed 2 percent by weight of the beer, and is removed by filtration prior to final processing.

## Safe Handling and Storage Instructions

Before handling and using, the Material Safety Data Sheet/Safety Data Sheet should be read and understood by all personnel in contact with this product.

QUEL BEER CLEAR 30 should be transported and stored at a temperature of 40-95°F. If the silica dispersion is allowed to freeze, the silica will irreversibly precipitate. Translucent packages should be stored out of direct sunlight or bright light.

## Disposal

Any disposal of this product should be in compliance with all federal, state and local regulations. All industrial solutions may require some treatment before discharge. DuBois offers full service disposal and compliance consultation, backed by a full range of treatment chemicals. Detailed information is available from your DuBois Representative.

## Precautions

KEEP OUT OF THE REACH OF CHILDREN.  
Please refer to the label and Safety Data Sheet information for all warnings, recommendation for safety equipment, and other regulatory information. Copies of the Safety Data Sheet information can be ordered by calling 800 438 2647.



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