

Wort clarification with Koppakleer

PRODUCT INFO

Kettlekleer is the easy-to-use, consistent kettle fining from Murphy & Son designed specifically for wort clarification in the brewery. Very little needs to be used—around 1 tablet per barrel.

Koppakleer is a *fully refined* tablet, meaning the exact dose is easy to measure and dissolve. Unlike other products, it can be added to the whirlpool, dosing tanks or kettles at flameout as it does not have to be boiled to dissolve it. This keeps the activity higher.

BENEFITS

- ➔ Improved fermentation
- ➔ Brighter wort and beer
- ➔ Cleaner, healthier yeast
- ➔ Faster filtration and centrifuge
- ➔ Easy to use and dissolve



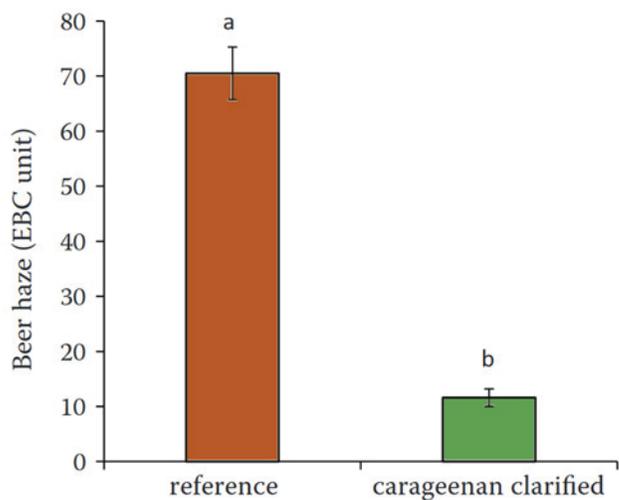
Control (left) vs 50 ppm Koppakleer (right) in cold 12° Plato wort after 3 hours shows the rapid sedimentation of cold break.

BEER CLARITY

Whether you are serving straight from the bright tank or centrifuging, improving the cold break will produce a brighter beer at the end of fermentation.

HEALTHY YEAST

Keep your pitching yeast pure and healthy by settling out the cold break in the bottom of the fermenter keeps it out of the beer and out of the next generation of yeast.



The application of carrageenan is proven to reduce beer haze

HOW DOES IT WORK?

Koppakleer is added to the hot side only to dissolve and disperse. The action is in the cold side—in the fermenter.

Koppakleer contains large, negatively charged molecules called kappa-carrageenan which bind to the positively charged protein in the cold break as it forms. As large molecules fall faster in liquids, the rate of sedimentation is greatly increased.

PACKAGE SIZE

2 kg: 400–800 bbl

25 kg: 5,000–10,000 bb

Each tablet weighs 5 grams.



**Available in the
U.S. and Canada**

APPLICATION

How much to add

10–12 Plato wort: 1/2 tablet per barrel (U.S.)

12–16 Plato wort: 1 tablet per barrel (U.S.)

When to use

To hot wort in kettle, 5 minutes from end of boil

To whirlpool at start

Activity range

pH: 5.0–5.6

temperature: <70°F

STORAGE

Temperature

40–100°F

Do not allow to freeze.

Location

Cool, sealed, and away from sunlight

Shelf life

At the recommended storage temperature,
24 months from the date of manufacture

TECHNICAL SUPPORT

Health and Safety Information

Safety Datasheet (SDS) available online at
murphyandson.co.uk/sds

Technical Datasheet

Printer-friendly Technical Datasheet available at
murphyandson.co.uk/datasheets-sds

Compliance

For information on Kosher, Halal, GMO, etc.
email compliance@murphyandson.co.uk

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