



# Beer clarification with Super F

The tank fining rapidly increases flocculation and sedimentation of yeast and haze at the end of fermentation, improving clarity, quality, and reducing cellaring time.

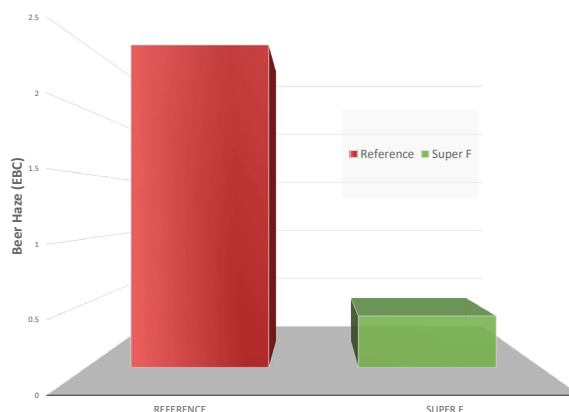
## PRODUCT INFO

Super F from Murphy & Son is a silica-based liquid fining added to fermented beer in the cold tank to greatly speed up the sedimentation of yeast and other haze-forming particles.

As a result, beer clarity is greatly improved, meaning it can be served fresher and faster—saving tank space and ensuring quality and flavor are preserved.

## BENEFITS

- ➔ Reduce haze in beer
- ➔ Meet peak capacity demands
- ➔ Utilize vessels more efficiently
- ➔ Ensure packaged beer quality



In commercial brewery trials, Super F from Murphy & Son reduces haze in finished beer below 0.5 EBC haze units in under 2 days.

## A BRIGHT SOLUTION

Super F quickly drops yeast and protein haze out of beer in the tank without any special equipment, making it ready to serve sooner. When it comes time to keg, can, or bottle, the beer will be better, brighter, and a more stable product for you and your customers.

## FILTRATION OR CENTRIFUGE

When using this product upstream, the load on centrifuges and filters will be significantly reduced—saving time and tank space.



Murphy & Son Master Brewer Jamie Ramshaw during an on-site consultation

## HOW MUCH TO ADD?

Super F is best added when the beer is finished fermenting and has already been cold crashed—either added during transfer or direct to tank. Action of this fining is quite rapid with excellent results achievable within 48 hours. Super F packs a real punch, so dose rates are low with typical doses 80–200 mL per barrel will achieve great clarity (often less than 1 EBC) and a compact sediment.

## PACKAGE SIZE

5 kg: enough for ~50 bbl

25 kg: enough for ~250 bbl



**Available in the  
United States  
and Canada**

## APPLICATION

### How much to add

80–200 mL per barrel

### When to use

Add to cold beer at the end of fermentation

### Activity range

pH: 4.0–7.0

temperature: 28–45°F

## STORAGE

### Temperature

40–100°F

Do not allow to freeze.

### Location

Cool, sealed, and away from sunlight

### Shelf life

At the recommended temperature, six months from the date of manufacture

## TECHNICAL SUPPORT

### Health and Safety Information

Safety Datasheet (SDS) available online at [murphyandson.co.uk/sds](http://murphyandson.co.uk/sds)

### Technical Datasheet

Printer-friendly Technical Datasheet available at [murphyandson.co.uk/datasheets-sds](http://murphyandson.co.uk/datasheets-sds)

### Compliance

For information on Kosher, Halal, GMO, etc. email [compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk)

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