



## SafBrew™ DA-16



### THE OBVIOUS CHOICE FOR DRY FLAVORFUL BEERS, SUCH AS BRUT IPA

SafBrew™ DA-16 is the perfect choice (consisting of Active Dry Yeast and enzymes) for the production of very dry and flavorful beers, particularly fruity and hoppy ones like Brut IPAs. SafBrew™ DA-16 is also recommended for very high gravity wort, allowing a level of alcohol up to 16% ABV.

### Ingredients:

Yeast (*Saccharomyces cerevisiae*), Glucoamylase from *Aspergillus niger* (EC 3.2.1.3), Maltodextrin, Emulsifier: sorbitan monostearate (E/INS 491)

Total esters  
high

Total superior  
alcohols  
high

Apparent  
attenuation  
98-102%

Flocculation  
-

Sedimentation  
medium

Experimental conditions: Standard wort in EBC tube at 15°P at 20°C/68°F.

Fermentis dry beer yeasts are well known for their ability to produce a large variety of beer styles. In order to compare our strains, we ran fermentation trials in laboratory conditions using a standard wort for all the strains and standard temperature conditions (SafLager: 12°C/53,6°F for 48h then 14°C/57,2°F / SafAle: 20°C/68°F). We focused on the following parameters: Alcohol production, residual sugars, flocculation and fermentation kinetic.

Given the impact of yeast on the quality of the final beer, we recommend adhering to the prescribed fermentation instructions. We strongly advise users to make fermentation trials before any commercial usage of our products.

**Fermentation temperature:** Optimum: 20°C – 32°C (68.0°F – 89.6°F)

### Pitching:

Sprinkle the yeast in at least 10 times its weight of sterile water, or boiled and hopped wort, at 25 to 35°C (77°F to 95°F). Leave to rest 15 to 30 minutes, gently stir and pitch the resultant cream into the fermentation vessel.

Alternatively, you can also pitch directly; depending on your equipment, habits and preferences, at 20°C to 32°C (68°F to 89.6°F)

**SafBrew™ DA-16 is not suitable for re-pitching or for bottle and cask conditioning.**



THE OBVIOUS CHOICE FOR BEVERAGE FERMENTATION



**Dosage instruction:** 100 – 160g/hL / 0,13 – 0,21oz/gal

### Typical analysis:

- Viable yeast >  $1.0 \cdot 10^{10}$  cfu/g
  - Purity: > 99.999 %
  - Lactic acid bacteria: < 1 cfu / $10^7$  yeast cell
  - Acetic acid bacteria: < 1 cfu / $10^7$  yeast cell
  - Pediococcus: < 1 cfu / $10^7$  yeast cell
  - Total Bacteria: < 5 cfu / $10^7$  yeast cell
  - "Wild" Yeast1.: < 1 cfu / $10^7$  yeast cell
  - Pathogenic micro-organisms: in accordance with regulation
- <sup>1</sup> EBC Analytica 4.2.6 – ASBC Microbiological Control-5D

### Storage:

The product must be stored/transported in dry conditions and protected from direct heat sources (e.g. sunlight, ...). For up to 6 months, the product can be stored/transported at ambient temperature below 25°C/77°F without affecting its performances. Peaks up to 40°C/104°F are allowed for a limited period of time (less than 7 days in total). For prolonged storage times (beyond 6 months) after product has arrived at final destination, Fermentis recommends storage at a controlled temperature (below 15°C/59°F).

### Shelf life:

36 months from production date. Refer to best before date printed on the sachet. Opened sachets must be sealed and stored at 4°C/39°F and used within 7 days of opening. Do not use soft or damaged sachets.



THE OBVIOUS CHOICE FOR BEVERAGE FERMENTATION