



FERMENTATION
AIDS

SpringFerm™ NAB-3

THE RIGHT SOLUTION FOR NEUTRAL ALCOHOL BASE PRODUCTION BY FERMENTATION

SpringFerm™ NAB-3 is a 100% mineral based fermentation aid developed by Fermentis to ferment pure-sugar media and high adjunct wort with yeast. It allows to ferment "pure" sugars very fast without any other additions and to obtain a perfectly neutral final product. This fermentation solution is ideal to produce neutral alcohol base for formulation into beverages such as alcopops, hard seltzers...

Ingredients:

Minerals and Vitamins. See detailed composition on product label.
All ingredients are food grade or pharmaceutical grade.

Dosage:

440 g/hl - 0,58 oz/gal for high gravity wort containing [270 – 300 g] of "pure" sugar / liter, [36-40 oz] of "pure" sugar / gallon.
For low gravity wort, contact us at fermentis@lesaffre.com to know our recommendations.

Instructions of use:

Due to the neutrality target of the final product, focus should be on sterility throughout the process.

However, please note that sterilization or pasteurization could damage vitamins contained in SpringFerm™ NAB-3.

- First cool down sugar solution or very high adjunct wort to 30-35°C (86-95°F), then add SpringFerm™ NAB-3. If possible, run agitation/recirculation for 10 minutes to ensure homogeneity, prior to yeast pitching.
- Yeast should be either pitched direct in the fermentation vessel (if the yeast chosen is certified E2U™) or rehydrated in a separate vessel. In this case, fill a vessel with 10x the weight of yeast in sterile water at 32-35°C (90-95°F). Add dry yeast to the vessel and let it rest for 10-15 minutes. After this waiting period, gently stir the solution to further rehydrate the dry yeast in water to make a cream solution. Wait an additional 10-15 minutes and the cream yeast is ready to pitch.
- For the yeast strain chosen, please consult the TDS for fermentation temperature ranges.

POINT OF ATTENTION

Due to a possible ammonium gas release during the blending step, we recommend to use SpringFerm™ NAB-3 in a sufficiently open/ well ventilated space.
Please see the Safety Data Sheet for details.



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Yeast Selection:

SpringFerm™ NAB-3 must be used in combination with active dry yeast. Based on trials and studies we performed, we recommend the option to use the Fermentis active dry yeast, SafSpirit™ HG-1. This strain has been selected for its neutrality, its fast-kinetic profile and its tolerance to a high osmotic pressure and high alcohol level. Please refer to the technical data sheet of SafSpirit™ HG-1 for more information. For the use of the others Fermentis active dry yeasts, please contact us.

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:

24 months, please report to the dates printed on the sachet.

Refer to best before date printed on the sachet.

Opened sachet must be sealed and stored at room temperature (under 25°C/77°F) and used within one month of opening.

Sachets arriving soft or damaged should not be used. If you damage a sachet after reception, you may still use it for a period of a month.

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