

- Product Name** : BIOBAKE
- Ingredients** : Flour Treatment Agent (INS 516, INS 517), Enzyme.
- Physical Appearance** : White to off-white free flowing powder
- Product Description** : Biobake is fungal alpha amylase, derived from *Aspergillus oryzae* and has minimal proteolytic activity. Biobake attacks the broken starch of flour providing reducing sugars which are readily fermentable by yeast.
- Dosage** :
  - for bakers
    - 0.02 - 0.05% of flour weight
    - 0.2 - 0.5 g for 1 Kg flour
  - for millers
    - 3 - 5g for 100kg flour
- Application** :
  - Biobake is a perfect solution for flour millers and bakers using flour deficient in alpha amylase activity.
  - The right balance of alpha amylase activity is necessary as too little activity results in insufficient gas production/poor loaf volume, and too much activity could result in a loaf with "sticky crumb".
  - Biobake specially developed for bakers, should be used 0.02 – 0.05% of flour weight for bread and rolls production (0.2 to 0.5 g for 1kg flour).
  - Biobake, specially developed for millers, should be used at 3 - 5g per 100kg flour. Biobake should be mixed with some flour and this premix should be used for dosing into the flour.
  - The optimum temperature is 55°C and the inactivation temperature is 77°C. The optimum pH is 5.5.
- Shelf life** : Best before 12 Months from date of manufacture

**Revision No: 04****Issue Date: 21/04/2022****INDO BAKELS PVT. LTD.**

**Head Office:** 43-C Mittal Towers, Nariman Point, Mumbai – 400 021  
India Tel.: +91-22-22873636 Fax +91-22-22020065

**Factory:** S. No. 3, H. No. 3/6, Niphan Village, Savroli, Tal. Khalapur,  
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CIN No. U15100MH1996PTC096157

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**Packaging** : 25kg in Kraft bag (1x25kg)

**Storage** : Store in a cool (<25°C), dry and hygienic place  
Away from direct heat & sunlight

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