Gusmer Enterprises, Inc.®

MicroElements® Brewing Nutrients

Product Data Sheet

MicroElements® Brewing Nutrients: Advanced Fermentation Support for Modern Brewing Challenges.

- Easy-to-use tablet or powder format — simple to measure, weigh, and dose for any brewing application
- Improves fermentation performance, RDF%, ethanol production and batch-to-batch consistency — often at lower dosage rates than other complex nutrients
- Outperforms zinc-only additions by supplying a complete range of micronutrients for healthy yeast pitch after pitch
- Free from unneeded nitrogen sources, fillers or common allergens

NEW

MicroElements® BrewPOWDER NUTRIENTS



MicroElements® BrewTABS NUTRIENTS



What is MicroElements® Brewing Nutrients?

MicroElements® is a precision-formulated yeast nutrient designed for modern brewing environments. Unlike other nutrient blends, **MicroElements** delivers targeted components that are bioavailable, efficient, and functional, without unnecessary additives.

- Rich in trace vitamins and minerals, polypeptides and amino acids essential for healthy yeast metabolism and growth
- Contains organic nitrogen only — no DAP or urea
- Formulated with zinc, a critical cofactor for alcohol dehydrogenase that supports efficient fermentation, prevents acetaldehyde buildup, and promotes healthy yeast growth
- Free from soy, gluten, and other allergen-linked ingredients
- No unnecessary bulking agents or fillers
- The product is non-GMO, BSE-free, and formulated in the USA under GMP-compliant conditions

Why use yeast nutrients?

A comprehensive yeast nutrient blend designed to support optimal fermentation and help prevent common issues such as:

- Slow or incomplete fermentation
- Reduced ethanol yields
- Stuck fermentations and off-flavors
- Yeast stress, autolysis, and poor viability in re-pitching

Application:

MicroElements® Brewing Nutrients are available in both tablet and powder formats, providing brewers with flexibility to suit any process. **Brew Tabs** and **Brew Powder** deliver the same high-quality ingredients and performance, ensuring complete and consistent nutrient supplementation for all beer styles, including high-gravity brewing and yeast propagation. **Brew Tabs** provide a simple, low-dust, and convenient option ideal for breweries of any size. **Brew Powder** offers enhanced dosing precision and process control, allowing accurate measurement at any batch size and easy integration into automated systems.

Instructions for use:

MicroElements® Brew Tabs should be added to the kettle during the final 15 minutes of the boil. **MicroElements® Brew Powder** can be added during the last 5 minutes of the boil or directly into the whirlpool. Both formats are also suitable for yeast propagation, with the dosage based on the total volume used (wort plus yeast starter culture).

Technical Data:

Brew Tabs Dosage Rate
- Recommended dosage is 1 tablet (~33g) / 10 bbls
  - Round up when dosing (i.e. 3 Brew Tabs for 23 bbls)

Brew Powder Dosage Rate
- Recommended dosage is 33g / 10 bbls (2.8g / hL)

When used as recommended, MicroElements Brewing Nutrients will provide at least 30 ppb of Zinc.

Storage and Shelf Life
- Store under cool and dry conditions
- Shelf life is 24 months unopened and 6 months opened but sealed package

Appearance
- Tan colored tablets/powder with yeast-aroma

Product Specifications:

Microbiological	Specifications
Total Bacteria Count	<15,000 / g
Yeast and Mold	<100 / g
Coliform Organisms	<10 / g
E. coli	Negative
Salmonella	Negative

Scan QR Code for Dosage Rate Calculator or go to:

https://www.gusmerenterprises.com/brewing/brewing-calculator/

Packaging:

MicroElements® Brew Tabs
- 1 kg pack
  - Will treat approximately 300 bbls or 350 hL
  - Contains approximately 30 tablets
- 5 kg pack
  - Will treat approximately 1500 bbls or 1760 hL
  - Contains approximately 150 tablets

MicroElements® Brew Powder
- 10 kg pack
  - Will treat approximately 3000 bbls or 3500 hL

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Important Note: Gusmer Enterprises, Inc. provides this information to the best of our knowledge. This information does not claim to be complete and Gusmer Enterprises, Inc. cannot assume liability for improper use. All users are advised to test products to meet their specific needs.