

# Ciderferm™

## COMPOSITION AND APPEARANCE:

- Ingredients: DAP, fully autolyzed Yeast products, vitamins (calcium pantothenate, biotin, thiamin, inositol, pyridoxine).
- Tan, hygroscopic powder with yeasty aroma
- No GMO's

## PURPOSE:

- Complex nutrient designed especially for cider, mead, and other non-grape wine fermentations
- Recommended to promote yeasts' alcohol tolerance and help prevent stuck ferments

## TYPICAL DOSAGE RATE:

- Complex nutrient designed especially for cider, mead, and other non-grape wine fermentations
- 50-60 g/hL: (500-600 ppm)
- Legal limit: 90 g/hL (900 ppm)
- Dose depends on must nitrogen content, see recommendations chart
- Provides 12 ppm N at 10 g/hL
- Please note that the laws regarding the permitted use of these products vary depending on the jurisdiction. Local regulations should always be consulted with respect to specific applications and necessary declarations.

## PREPARATION AND USE:

- Stir into water or juice before adding, or stir directly into juice.
- Break total dose into portions, add in stages:
  - Stage 1: At yeast inoculation (skip this stage if YAN is 200 ppm or >)
  - Stage 2: During first half of fermentation
  - Stage 3: At or just after mid-fermentation
- Add at all 3 stages for higher doses, Stage 2 and 3 for lower doses
- For uninoculated fermentations, add nutrients when *Saccharomyces* yeasts are growing (observe under microscope for round or egg-shaped cells, or wait until an active, healthy-smelling fermentation begins)
- Contains inorganic nitrogen, not legal for organic wine

## SHELF LIFE AND STABILITY:

- Store tightly closed at cool room temperature (25 C or below).
- Hygroscopic, will form lumps if exposed to air. Discard if lumps cannot be broken easily into powder.
- Stable for 2 years or more if still in powder form.

## SAFETY INFORMATION:

- Dust is skin and eye irritant, wear eye protection, dust mask, and coat

## GMO STATEMENT:

To the best of our knowledge and the knowledge of the supplier or manufacturer of the ingredients, no GMO's are used in the preparation or manufacture of any of our nutrient products.

## VEGAN STATEMENT:

It is our internal assessment that this product is produced with ingredients not made from animals or animal byproducts and are not tested on animals which we believe satisfies the spirit and definition of Vegan.

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## ALLERGENS:

Contains:	Yes	No
Cereals containing gluten or gluten products		x
Crustaceans or crustacean products		x
Eggs or egg products		x
Fish or fish products		x
Peanuts or peanut products		x
Soybeans or soybean products		x
Milk or dairy products (including lactose)		x
Nuts or nut products		x
Sesame seeds or sesame seed products		x
Royal jelly or royal jelly products		x
Bee pollen or bee pollen products		x
Bee propolis or bee propolis products		x
Celery or celery products		x
Mustard or mustard products		x
Sulfite concentrations greater than 10mg/kg		x
Yeast or yeast products	x	

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