

PRODUCT DESCRIPTION

Enriched complete yeast nutrient

PRODUCT DIFFERENTIAL

Nutrivin Super is a thiamine-enriched yeast nutritional supplement containing organic and inorganic nitrogen. It is specifically formulated for increased fermentation stress conditions like high sugar musts, low nutrient status and *Botrytis* infection. It can be used on its own or with additional nitrogen of the winemaker's choice.

INGREDIENTS

Inactivated yeast
Di-ammonium phosphate (60%)
Thiamine

RECOMMENDED DOSAGE

30 - 50 g/hl

MODE OF ACTION

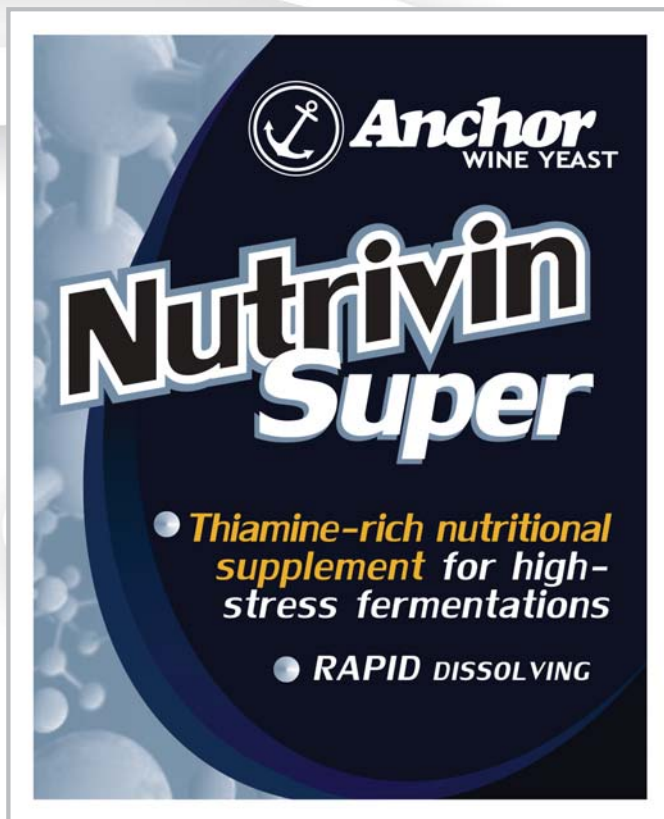
Ammonium salts and thiamine stimulate yeast growth and metabolism. The unique properties of inactivated yeast are beneficial for all fermentations.

APPLICATION

Make up as a slurry in must or water(1:5). Add to the fermentation only after yeast exponential growth phase (after a drop of at least 3°B). Add the full dose at once or half the dose in two additions.

BENEFITS

- Increased stress conditions such as high sugar concentrations, low levels of yeast nutrients and *Botrytis* infection can cause poor quality ferments (sluggish, stuck or lack of aroma). The inclusion of thiamine, in conjunction with inorganic nitrogen and inactivated yeast will boost yeast metabolism and ensure an effective and complete fermentation.
- Inactivated yeasts are rich in vitamins such as thiamine, pantothenate and biotin and minerals and other trace elements required for optimum yeast performance
- Inactivated yeasts are rich in sterols and long chain fatty acids that improve alcohol tolerance of the fermenting yeast
- Inactivated yeasts adsorb toxic medium chain fatty acids thereby protecting the fermenting yeast from inhibition by these compounds
- Optimizes the aroma and flavour profile of wines
- Increases yeast viability and the yeast population
- Increases the rate of fermentation and helps to insure the completion of fermentation
- Reduces the formation of H₂S and other sulphur off-flavours
- Reduces lagging and stuck fermentations



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