

VITAMINE 2

Vitamin B1 and ammonium sulphate
Fermentation activator

CHARACTERISTICS

Thiamin (Vitamin B1) and **ammoniacal nitrogen** are naturally present in the crop; however, in the case of over-ripening and bunch rot, the amounts can greatly decrease and become insufficient. The yeasts suffer from nutritional deficiency and subsequent fermentations become difficult and inactive.

VITAMINE 2 simultaneously provides thiamine and ammonical nitrogen, which are easily soluble by the yeasts, this facilitates multiplication and the monitoring of a good physiological state during fermentation; **Vitiamine 2** contributes to a better control over the fermentation and the final quality of the wine.

For a maximum efficiency, **Vitiamine 2** must be added at the beginning of yeast development (at the beginning of alcoholic fermentation, during inoculation, on yeasts-starter).

In these conditions, **Vitiamine 2** allows:

- a rapid start to fermentation,
- best ends of fermentation and less risks of stopped-fermentation,
- a reduced production of volatile acidity and intermediate compounds combining SO₂ (ethanol): SO₂ which has been brought before will be more effective at equal dosages.

Aromatic qualities will, also, be protected.

APPLICATION RATES

The maximum legal dosage of Nutritive Salts (ammonium sulphate) is **1 g/L**.

The maximum legal dosage of Thiamine is **0.6 mg/L**.

Average dosage: **10 g/hL** (1 kg for 100 hL).

Maximum legal dosage of Vitiamine 2 : 12 g/hL (0.6 mg/L of Thiamine) recommended in the case of bunch rot.

INSTRUCTIONS FOR USE

Dissolve 1 kg of **Vitiamine 2** in 10 liters of must (direct dissolution).

Add at the moment of inoculation, on rehydrated yeasts or directly on must.

Mix during a pumping-over.

In case of refermentation, add **Vitiamine 2** to the yeast-starters.

PACKAGING

1 kg bag – carton of 25 x 1 kg.

STORAGE

Full original sealed packaging, store in a dry, odourless environment, out of the light.

Once opened, use quickly.

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