

DIWINE ARÔME

Specific formulation to limit the negative impact of heavy metals and express wine aromas.

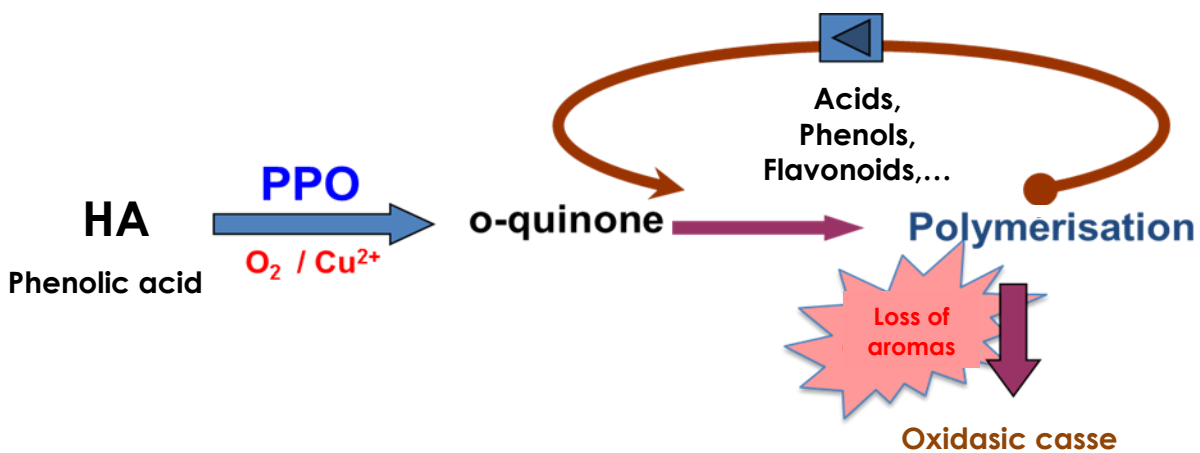
CHARACTERISTICS

DIWINE ARÔME is an original and innovative vinification aid that comes in the form of a light-coloured powder. Its ability to bind heavy metals and limit oxidation leads to improved expression of wine aromas.

OENOLOGICAL PROPERTIES

The various active ingredients in the formulation act in synergy, enabling **DIWINE ARÔME** to bring together several properties.

- **DIWINE ARÔME** contains natural amino acids and vitamins, which facilitates the fermentation process.
- **DIWINE ARÔME** eliminates copper, an essential cofactor for oxidizing enzymes of the polyphenol oxidase type. This therefore considerably reduces oxidasic casse processes that cause a decrease in aromatic intensity.



HA: hydroxycinnamic acid
 PPO: Polyphenoloxidase

Traité d'œnologie, Vol. 1, Ribereau Gayon

- **DIWINE ARÔME** selectively adsorbs polyphenols likely to oxidise or cause bitterness.
- **DIWINE ARÔME** neutralizes laccases and strengthens the ability of wine to resist oxidation.

- **DIWINE ARÔME** releases cell-wall mannoproteins into the medium, which play a role in enhancing aromas. PhD thesis by Samuel Lubbers, Dijon, 1993: 'Caractérisation des macromolécules d'origine levurienne du vin : étude des interactions avec des substances d'arôme : application à la stabilisation tartrique' ('Characterization of yeast-derived macromolecules in wine: study of interactions with aroma substances: application to tartaric stabilisation').

APPLICATIONS

- **DIWINE ARÔME** is recommended for the vinification of wines with expressive aromas or that are sensitive to oxidation.
- **DIWINE ARÔME** is used on must just before addition of yeast.

DOSAGE

For copper concentrations below 1 mg/L: 30 g/hL of **DIWINE ARÔME**.

For copper concentrations from 1 mg/L to 3 mg/L: 50 g/hL of **DIWINE ARÔME**.

For copper concentrations exceeding 3 mg/L: 70 g/hL of **DIWINE ARÔME**.

Maximum application rate according to current European regulations : 80 g/hL.

INSTRUCTIONS FOR USE

Dilute **DIWINE ARÔME** in 10 times its weight of water, then add to must after racking. Mix thoroughly by pump-over.

Precautions for use:

The treatment must be recorded in the cellar register.

The implementation of the treatment has to be the responsibility of an oenologist or qualified technician.

Product for oenological and specifically professional use.

Use in accordance with current regulations.

PACKAGING

1 kg, 5 kg bags.

STORAGE

Store unopened, sealed packaging away from light in a dry, odour-free environment.

Once opened use rapidly.

Use before best-by date stamped on packaging.

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