

ANTIOXIDANTS

AromaGuard

Description

AromaGuard is a powdered blend of cellulose, silica, condensed tannins, and potassium metabisulfite.

Properties

AromaGuard prevents juice oxidation, naturally preserving and enhancing the varietal aromatic characteristics of grapes even in wines made without additional sulfites. The cellulose/silica complex quickly reacts to eliminate oxygen, simultaneously limiting laccase action. The condensed tannins, with their high antioxidant and anti-radical properties, act to bind O₂, enhancing the effectiveness of SO₂.

Use

- 1. Harvest:** Treat the grapes/juice during transport to the winery to prevent oxidation and contamination by indigenous flora.
- 2. Production:** Use to make complex aromatic wines with good structure. Within a few hours, **AromaGuard** absorbs dissolved oxygen present in the juice, thus preventing the oxidation of naturally related color and aroma compounds such as acetaldehyde. Using **AromaGuard** reduces the SO₂ requirement in pre-fermentative phases while safeguarding the varietal aromatic character.
- 3. Protection from oxidase enzymes:** In juice from grapes affected by *Botrytis cinerea*, **AromaGuard** limits the oxidizing action of laccase and other oxidase enzymes.
- 4. Regular fermentations:** The bacteriostatic effect of hydrolysable tannins slows the growth of lactic acid bacteria and thus prevents the occurrence of bacterial contamination and related undesirable sensory effects, even in high pH conditions.

Dosage and Addition

- 1. Harvest:** Sprinkle 2.2 lb/ton on the grapes at harvest, using higher rates if needed depending on the cleanliness of the fruit and the distance to be travelled between the vineyard and the winery. A dosage of 2.2 lb/ton of **AromaGuard** yields about 10ppm of SO₂.
- 2. Production:** Evenly distribute **AromaGuard** directly into the collection bins or hoppers during the unloading of the grapes, or add to the press or juice.

Storage and Shelf Life

Store in original package in a cool, dry environment. Carefully reseal bag in case of remaining product. The integrity of the product is guaranteed only if it is stored as indicated in this Technical Data Sheet.

Packaging

AromaGuard is available in 15 kg bags.

Product for Enological Use Only

Non-GMO

Please refer to the SDS for safe handling requirements.