

## ANTIOXIDANTS

### Defy-Ox

#### Description

**Defy-Ox** is an ascorbic acid-based blend that gives maximum protection in oxidation prevention and microbial stabilization. Treated wines remain cleaner and fresher and retain a better organoleptic profile over time.

#### Properties

**Defy-Ox** acts powerfully, both as a preventative measure and as a cure for wines that tend to oxidize, by lowering the oxidation-reduction potential.

- Potassium Metabisulfite – 38%
- Citric Acid – 37%
- Ascorbic Acid (Vitamin C) – 21%
- Metatartaric Acid Powder – 4%

#### Use

**Defy-Ox** can be used at any point during aging but is ideally used immediately prior to bottling. Dissolve the addition in a small amount of wine (recommended ratio by weight of 1:10) and add to the tank while mixing.

#### Dosage and Addition

Recommended dosage: 0.5–4 lbs/1000 gallons (6–50 g/hL)

An addition of 0.83 (100 ppm) lbs/1000 gallons (10 g/hL) will yield 28 ppm free SO<sub>2</sub>

Bench trials are recommended to ensure appropriate addition rates.

Please contact your ATPGroup Enology Products Specialist for the best solution and assistance with the necessary bench trials to ensure the appropriate add rate.

#### Storage and Shelf Life

Store in original packaging in a cool and dry environment, max 25°C (77°F). Carefully reseal any partial containers. Shelf life is a minimum of 4 years when stored in original packaging in a clean, dry place out of direct sunlight. The integrity of the product is guaranteed only if it is stored as indicated in this Technical Data Sheet.

#### Packaging

**Defy-Ox** is available in 1 kg bags

Product for Enological Use Only

Non-GMO.

Please refer to the SDS for safe handling requirements.