

## HIGHLY ADSORBENT CELL WALLS

**Extraferm® D'tox** adsorbs and eliminates many toxic and undesirable compounds present in must and/or wine. **Extraferm D'tox** promotes smooth alcoholic and malolactic fermentation by eliminating medium chain fatty acids, which are known to inhibit yeast and lactic acid bacteria. **Extraferm D'tox** can also bind and eliminate over 50% of undesirable molecules such as ochratoxin A (OTA), unpleasant aroma molecules such as anisoles (TCA, TeCA, TBA, and PCA), and dibutyl phthalate.

### PROPERTIES

- Improves fermentation conditions by adsorbing fatty acids, which are toxic to yeasts and bacteria.
- Source of ergosterol, increases yeast resistance to alcohol and their viability.
- Improves the analytical properties of wines.
- **Extraferm D'tox** yeast hulls sediment very easily, allowing for quick racking after addition.

### COMPOSITION

- 100% yeast cell walls

### DOSAGE & INSTRUCTIONS FOR USE

- Suspend **Extraferm D'tox** by mixing it with 10 times its weight in water.
- Homogenise the treated must or wine with a pumpover.
- EU Regulation 606/2009 sets an upper usage limit of 40 g/hL. For other countries, please refer to current legislation.

#### Preventative treatment for must fermentation

- Dosage: 20 g/hL
- Add **Extraferm D'tox** before inoculation.

#### For sluggish fermentation

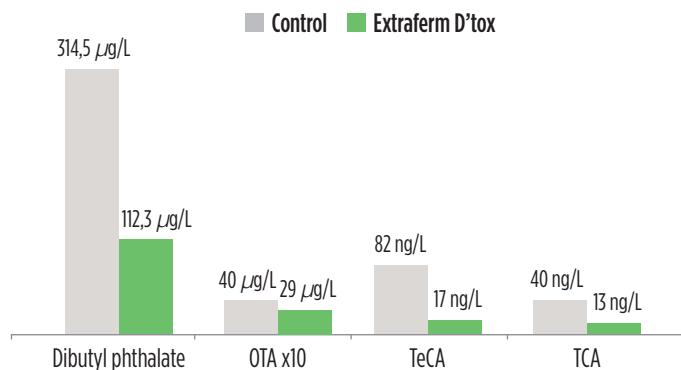
- Dosage: 30-40 g/hL

#### For stuck fermentation

- Dosage: 40 g/hL

Incorporate **Extraferm D'tox** into the wine to adsorb the inhibiting fatty acids then re-yeast with Fermivin® Champion Booster, a fruit-loving yeast suitable for restarting alcoholic fermentations in difficult conditions.

**A detailed protocol is available upon request.**



Detoxification ability of Extraferm D'tox cell walls used at a rate of 2 x 20 g/hL.

#### For wine contaminated with ochratoxin A, anisoles, or dibutyl phthalate

- Dosage: 20-40 g/hL
- Incorporate **Extraferm D'tox**, avoiding oxidation of the wine.
- Taste and analyse the wine after 24 hours of contact. Repeat the treatment if necessary.

**For best results, repeat the treatment twice in succession.**

### PACKAGING & STORAGE

**Extraferm D'tox** cell walls are packaged in the following packaging:

- 1 Kg airtight multi-layer laminated bags.
- 10 Kg individual aluminum bags packed in a box.
- The packaging has been rigorously selected to avoid contaminating the product during transportation and storage before use.
- Store **Extraferm D'tox** in a cool, dry place (5-15 °C - 41-60 °F).



Oenobrand's products are made from yeast derivatives selected and dried using exclusive technology. This ensures their great ability to disperse quickly and without forming lumps.



**Extraferm D'tox** yeast cell walls are recognised for or distinctive by their very high adsorption capacity while maintaining the organoleptic and taste qualities of the treated wines. This is explained by the exclusive "HALO" (High Adsorption Low Odour) process used for their production. This unique treatment gives these peels a high level of specificity when it comes to unwanted contaminants without changing the smell or colour of the treated wine.

Special care has been taken to ensure that the information provided here is accurate. Since the specific conditions in which users apply and use our products are beyond our control, we do not guarantee the results that users will obtain. Users are solely responsible for determining the appropriateness and establishing the legal status of use.

### OENOBRANDS SAS

Parc Agropolis II - Bât 5  
2196 Boulevard de la Lironde  
34980 Montferrier sur Lez - France  
RCS Montpellier - SIREN 521 285 304  
info@oenobrand.com  
www.oenobrand.com

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