

FORT BENTON

Powder Oenological Bentonite

CHARACTERISTICS

FORT BENTON is a fining agent for protein stabilization, consisting of an oenological bentonite powder which is characterized by:

- An optimal dispersion capacity
- Low inert content
- Shorter rehydration times, in comparison to traditional bentonites
- Fast and compact sedimentation
- Purity of the active principle, which avoids possible transfer of undesirable compounds and odors to the must/wine

APPLICATIONS

The characteristics of FORT BENTON render this oenological bentonite ideal for the protein stabilization of musts, wines, vinegars and juices, in which it can be used for:

- Blocking natural and exogenous enzymatic activities (oxidases, pectinases, β -glycosidases, β -glucanases)
- Clarifications with flotation systems
- Its preventive action against "lightstruck"

DOSAGE AND INSTRUCTIONS FOR USE

30-80 g/hl in flotation or in static clarifications

up to or more than 150 g/hl in more difficult clarifications

FORT BENTON swells quickly in water at a ratio of 1:10, but its performance improves with a 1:20 dilution. The rehydration can be accelerated with the use of mechanical agitation.

PACKAGING

2 kg Packs, 25 kg Sacks

This product is not considered dangerous therefore a material safety data sheet is not necessary.

CHEMICAL ANALYSIS

(%)

SiO₂: 70-72

Al₂O₃: 13,5-13,7

TiO₂: 0,19-0,21

Fe₂O₃: 1,85-1,95

P₂O₅: 0,09-1,05

MnO: 0,09-1,05

MgO: 2,1-2,15

CaO: 1,85-1,95

COMPOSITION: E 558

Sodium activated bentonite

Montmorillonite: >80%

Colour: white

Deproteinization

power

(CODEX method): >65%

Moisture: 9,5-11,5%

Granulometry: 70

SOLUBLE METALS (DM26/04/02)

Fe: < 0,04%

Na: < 1,5%

Ca: < 0,7%

Pb: < 6 ppm

Other heavy metals: < 10 ppm

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Company with quality management system certified ISO 9001-2008 certificate N. IT06 / 0451.

Research, development, production and marketing of adjuvants and additives for food and beverage industries. EA Sector: 03.