

# PREMIUM LIMOUSIN SPECIAL SG<sup>®</sup>

## TANNIN FOR OENOLOGICAL USE

### COMPOSITION

Oenological Tannin obtained from Limousin oak wood using an exclusive water/alcohol solution extraction process followed by drying and toasting.

### CHARACTERISTICS

PREMIUM LIMOUSIN SPECIAL SG is tannin obtained from fine oak wood from the Limousin region of France. The original extraction process involves the slow extraction of the tannin contained in the oak heartwood using water and alcohol; this process allows the extraction of mostly polyphenol substances with non-aggressive organoleptic characteristics similar to those extracted during the refinement stage in wooden casks.

The subsequent toasting treatment causes the formation of pyrolysis catabolytes identical to those that form during the heat treatment of the staves of the cask.

Another important characteristic of the product is the presence of substances from the lignin, the hydrolysis and transformation of which contributes to the vanilla flavour characteristic of wines refined in wooden casks.

PREMIUM LIMOUSIN SPECIAL SG improves the life of the product and its resistance to oxidation.

PREMIUM LIMOUSIN SPECIAL SG also imparts greater aromatic complexity and a fuller body to the wines treated; with respect to LIMOUSIN tannin, it increases the toasted, chocolate flavour of the product treated, thus improving its "softness".

The qualitative characteristics of PREMIUM LIMOUSIN SPECIAL SG are guaranteed by the analytic controls to which the product is subjected and which must satisfy all the parameters stipulated by Codex Oenologique International.

### APPLICATIONS

PREMIUM LIMOUSIN SPECIAL SG can be used in the treatment of red and white wines, vinegar and other distilled products.

In wines, PREMIUM LIMOUSIN SPECIAL SG can be used even in the first refinement phase of the product, particularly if this takes place in old wooden casks that are no longer able to give off tannins; this will also ensure effective stabilization of the colour of the wine.

PREMIUM LIMOUSIN SPECIAL SG can also be used in the final assembly and treatment phases of white and red wines; in this case, it is recommended to use PREMIUM LIMOUSIN SPECIAL SG before final clarifying filtration and on wines with a good protein stability.

It is nevertheless recommended to carry out tests using varying quantities of PREMIUM LIMOUSIN SPECIAL SG tannin in order to determine its organoleptic interaction with the product.

When using PREMIUM LIMOUSIN SPECIAL SG in compliance with applicable regulations.

### USES

In order to avoid tannin-protein precipitation, check the protein stability of the wine. Dissolve the necessary quantity of PREMIUM LIMOUSIN SPECIAL SG thoroughly in 10 parts hot water and then add to the product to be treated; do not use metal objects or water rich in calcium. It is recommended to use PREMIUM LIMOUSIN SPECIAL SG at least 10 days before the next filtration treatment.

### DOSAGE

From 1 to 15 g/hL for red wines;

from 1 to 5 g/hL for white wines;

from 10 to 40 g/hL for vinegar;

from 5 to 40 g/hL for distilled products.

### PACKAGING

1 kg bags.

### STORAGE

Keep in a cool, dry and well ventilated place. Reseal open packs carefully.

### HAZARDOUS

Based on the current legislation the product is classified: not dangerous.

TECHNICAL DATA SHEETS 03/11/2011