

# CARBINE T

Enological decolorizing carbon  
In granulated, or liquid form

**FOR THE DECOLORIZATION OF WHITE MUSTS AND WINES  
FOR THE REMOVAL OF UNWANTED COMPOUNDS**

## FIELD OF APPLICATION

Generally, carbon can be applied to musts or wines.

In musts, it is used to decolorize colored musts, to correct the organoleptic characters of musts affected by mouldy aromas and to remove contaminants such as Ochratoxin A.

In wines, carbon has to be used for the decolorization of colored or oxidized white wines.

Because of its activation, **CARBINE T** is more specifically suited for :

- the decolorization of musts and “vins de taille” (second pressing). **CARBINE T** removes the color and improves the organoleptic characters. After treatment, musts or “vins de taille” are free of the herbaceous characters generated by harsh grape processing and are blending products of quality.
- the treatment of musts affected by *Botrytis cinerea*, which is responsible for mouldy and earthy aromas. These unwanted aromas are mainly due to geosmin. Thanks to its specific activation, the pore size of **CARBINE T** are perfectly suited to bind the geosmin and thus to remove these mouldy earthy aromas (MEA).

The granule formula of **CARBINE T** prevents dust formation for an easier utilization. Moreover, the granules allow for a better settling compared with the powder.

**CARBINE T** liquid contains 150 g/L of activated carbon. It facilitates and improves wine clarification.

## REGULATIONS

- ◆ In European Union, the treatment of **white, rosé or red musts and wines that are still fermenting** is allowed for the following applications:
  - To correct the organoleptic characters of musts affected by fungi such as *Botrytis* or oidium,
  - To remove possible contaminants (for example: Ochratoxin A),
  - To correct the colour:
    - of white musts obtained from red grapes with white pulp,
    - of very yellow musts obtained from white grapes,
    - of oxidized musts.

- ◆ The treatment of **white wines** with color defects is allowed in the following cases:
  - To correct the colour
    - of white wines obtained from red grapes with white pulp,
    - of white wines, which were accidentally colored from storage in tanks which previously contained red wines,
    - of very yellow wines made from white grapes,
    - of oxidized wines.
- ◆ The treatment with enological carbon is allowed up to the limit of 100 g/hl of dry product.
- ◆ Treatments with enological carbon have to be duly documented.  
In France, prior authorization by the customs agencies is not required anymore.

## TECHNICAL CHARACTERISTICS

- ◆ **CARBINE T** is a steam-activated charcoal of plant origin (pine wood).
- ◆ The granules allow to limit the release of dust in the environment.
- ◆ The liquid form facilitates its utilization.

## INSTRUCTIONS FOR USE

### APPLICATION RATES

- ◆ The application rate depends on the importance of the defect to be treated and is highly variable (if possible, carry out trials in test tubes).
  - ◆ Granules : 20 to 100g/hL.
  - ◆ Liquid : 10 to 70cL/hL

### UTILIZATION

Granules : dissolve in water (1 kg/10 L of water).

Liquid : use directly without preparation.

#### In must :

- ◆ Add the liquid suspension into the must two hours after enzyme treatment. Mix thoroughly after pumping over.
- ◆ After treatment with activated carbon, perform a clarification with **POLYCASE**.
- ◆ In white wines :
  - ◆ Keep in suspension by stirring or pumping over once or twice before fining.  
After treatment, perform a fining to remove the charcoal in suspension.

## PACKAGING

- ◆ **Carbine T** Granules : 1kg bag
- ◆ **Carbine T** Liquid : 20 L Jerry can  
1000 L tank

## QUALITY – SAFETY – ENVIRONMENT

- ◆ **CARBINE T** meets the requirements of the International Oenological Codex.
- ◆ Traceability : the lot number on every **CARBINE T** package allows tracing (origin of the product) and tracking (from product to consumer)
- ◆ Safety – environment: wear a dust mask  
Please, consult the safety data sheet, which is available on our website.

## STORAGE CONDITIONS

- ◆ Keep full, unopened and undamaged package away from light in a dry and odourless area.
- ◆ Open package: use rapidly.

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