



Premium Wood-Based Activated Carbon

Acticarbhone®

Trap More Impurities with Our Activated Carbon

Calgon Carbon proposes a series of dedicated products of powdered and granular activated carbons for beverage treatment. Products within the beverage range are specially designed for applications requiring color removal and adsorption of undesired taste and odor compounds. For each of your applications, Calgon Carbon provides expertise and technical support to help you find the most efficient solution that is best suited to your process.

Acticarbhone® and Anticromos® application guide

The Acticarbhone® and ENO Anticromos® products are a cost-efficient solution for removing unwanted contaminants from fruit juices, juice concentrates, wine, malt beverages, and distilled liquor.

- Concentrated and decolorized grape and apple juices are used as a neutral base in the production of frozen juices, canned juices, fruit drinks, fruit preserves, and soft drinks. The Acticarbhone® and ENO Anticromos® products can be used to enhance the juice base by reducing unwanted color and flavor.
- In oenological applications the usage of activated carbon is highly regulated (International Oenological Codex). Only a pure activated carbon of vegetable origin can be used. The highly activated Acticarbhone® and ENO Anticromos® products are the most efficient solution for decolorization and organoleptic correction of the musts requiring a minimum amount of dosage in order to enhance color, taste and odor.



Beverage	ENO Anticromos	Acticarbhone CPW	Acticarbhone SCW	Acticarbhone 2SW	Acticarbhone 3SW
Grape Juice	•	•			
Apple Juice		•	•	•	
Wine	•	•		•	
Vermouth		•	•		•
Rum, Vodka, Whisky	•	•	•	•	
Beer, Malts		•		•	
Liquid Sugar (Soft Drinks)		•	•		•

4 Reasons for Selecting Acticarbhone® and Anticromos® for Beverage purification:

High Purity

- Vegetable based activated carbon according to the International Oenological Codex (OIV)
- Very low heavy metal content (As, Pb, Cd, Hg, ...)
- Very low metal content (Fe, Zn)
- High purity product range with low ash content

Consistent Quality

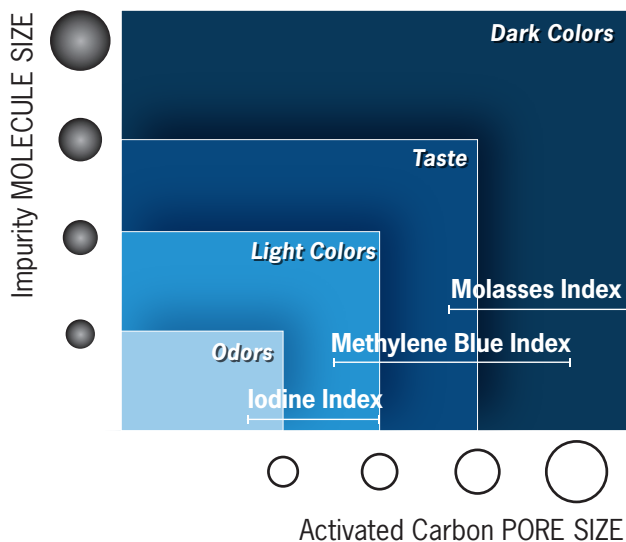
- Made from renewable maritime pine wood, coming from the largest forest of Western Europe (Forêt des Landes)
- Provides consistent performance and easy management of your process

High Productivity

- Excellent adsorptive capacity
- Faster adsorption kinetics
- Superior filterability

Cost Effective

- Drastic reduction of AC dosage due to high activation levels
- Reduction of filtration cost
- Less waste to manage



In wine applications the Acticarbone® and ENO Anticromos® products are suitable to reduce color, fungi or toxins (Ochratoxin A) from musts, fermenting musts or white wine.

Dark colors from polyphenolic compounds such as tannins, anthocyanins, flavonoids and oxidation products of polyphenols can be efficiently adsorbed with minimal dosage rates.

In apple juice applications, Acticarbone® and ENO Anticromos® products efficiently remove dark brown colors created after juice heating, color precursors and mycotoxins.

Technical Service and Application Assistance

Responding to the customer's specific requirements is our main priority.

Our regional and corporate application specialists can assist in a number of technical services:

- Selecting appropriate Acticarbone® and Anticromos® products for the application
- Troubleshooting potential problem areas
- Ensuring the treatment process is efficient and effective

Calgon Carbon Innovation Centers in France (Parentis en Born) and in the United States (Pittsburgh, PA) utilize advanced analytical tools and full laboratory capabilities necessary for the evaluation of our product performance for each application.

Our complementary expertise on Filter Aids:

Clarifying Filtration

Chemviron has 60 years of experience in manufacturing and supplying processing aids, such as Diatomaceous Earth (Clarcel®) and Perlite (Randalite®).

Our Clarcel® and Randalite® filter aid ranges for micro-filtration, cover a wide permeability spectrum.

These products are manufactured in 3 plants:

- 2 in France (Saint-Bauzile and Riom-ès-Montagnes)
- 1 in Italy (Foggia)

The main application in beverages is in filtration of wine, fruit juice and beer.

Impurity Type	ENO Anticromos	Acticarbone CPW	Acticarbone SCW	Acticarbone 2SW	Acticarbone 3SW
Dark Color (Polyphenols, Tannins, Melanoidine)	•	•			
Light Color and Color Precursors (Phenolic oxidation products, Catechins)		•	•		
Taste (Bitterness, Moldy or Herbaceous taste)		•	•	•	•
Contaminants (HMF, Patuline, Ochratoxin A, Pesticide traces)			•	•	•
Deodorization (Geosmin, Fume/Smoke odors)				•	•
International Oenological Codex (OIV) Classification	Decolorizer	Decolorizer	Decolorizer Deodorizer Blend	Deodorizer	Deodorizer