



CITRIC ACID

STABILIZER AND ACIDITY REGULATOR



COMPOSITION

Citric acid (E 330) monohydrated.



CHARACTERISTICS

CITRIC ACID is naturally found in different fruit. It is normally used in the food industry as an acidifier. In winemaking, it is used for preventing ferric or oxidasic alterations. It looks like white crystalline powder.



APPLICATIONS

CITRIC ACID is a stabilizer that has an effective action on iron III due to its ability to unite the iron with other molecules to form a soluble anion.

Thanks to this property, CITRIC ACID, when used in association with L-ascorbic acid in wine production, prevents ferric precipitation by aeration to the extent that it renders chemical deferrization unnecessary in wines with reasonable quantities of iron.

The action of CITRIC ACID improves tartaric and colour stability.

It is also used as acidifier in wine.

In wine, it also improves the organoleptic qualities of the product and brings freshness to the finished product.

The addition of 0.93 g/L of CITRIC ACID increases acidity by 1%, expressed as tartaric acid.

When using CITRIC ACID comply with the relative legal regulations in force.



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DIRECTIONS FOR USE

CITRIC ACID is extremely soluble and therefore can be added directly to the product to be treated, immediately before bottling, without the need to prepare a solution in water or wine.

It is recommended not to use the product at an early stage of the processing as it is a substance that is degradable by various micro-organisms.



DOSAGE

For white and red wines: from 20 to 60 g/hL. If used in finished wine, the quantity of CITRIC ACID must not exceed the current legal limits of 1 g/L.

For fruit juices and other products, comply with the regulations in force.



PACKAGING

25 kg bags and 1 kg poly laminate bags.



STORAGE

The product is hygroscopic; keep in a cool, dry place.

Close open packs securely.



HAZARD

Based on the current European regulations the product is classified: hazardous (see MSDS).