



Metavin® 40

Gentle esterified metatartaric acid

Product description

A product with an optimum degree of esterification produced by intermolecular esterification of tartaric acid. To delay precipitation of potassium bitartrate crystals.

Treating wine with Metavin® 40 delays crystallisation and precipitation of tartar. Metavin® 40 prevents the tartrate crystals' submicroscopic nuclei from growing.

The duration of Metavin® 40's stabilising effect is limited and greatly depends on the quality of the wine in question. One can accordingly assume 6 - 9 months but in exceptional years, with a very high level of tartar saturation (e.g. at a saturation temperature exceeding 16 °C), the period of stability may be shortened. Special metatartaric acid Metavin® Opti and homogeneous compound MetaGum® help to combat this and to significantly extend stability.

It is possible to accurately predict stability in terms of tartar precipitation by determining the saturation temperature. In the process, it should be recalled that Metavin® 40 becomes less effective if subsequently heat treated and, depending on the circumstances, tartar may be precipitated. Under such circumstances, it is better to use Metavin® Opti.

Permitted according to EU Commission Regulation no. 934/2019. User must check compliance with national regulations. Laboratory tested for purity and quality.

Dosage and use

The recommended maximum legal treatment dosage in the EU is 10 g Metavin® 40 /100 L wine. Please refer to national regulations in all other countries.

Metavin® 40 is diluted in approx. 10 times the volume of wine and stirred into the main tank at least 2 - 3 days before bottling. Wines to be treated must previously undergo appropriate treatment with bentonite, preferably NaCalit® PORE-TEC, and particularly thorough protein removal, as addition of metatartaric acid may cause a change in the pH value. Slight quantities of protein can lead to subsequent turbidity, which will disappear again after a certain time.

Storage

Metavin® 40 is hygroscopic and should therefore be protected from moisture. Packs which have been opened should be immediately tightly sealed and used up as soon as possible.

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The application recommendations given herein describe the intended use of the product as a processing aid or additive as part of a good manufacturing practice. Only this application can lead to a food safety of the final product. However, please note: Our technical product leaflets are based on our current knowledge and experience. They have to be seen as general information on our products only. Due to the imponderabilities of treating natural products and the potential prior treatment we cannot accept any liability. Accordance with all national laws and regulations for use of our products has to be ensured by each user. All data is therefore provided without any warranty. All information is subject to change without prior notice. Our general terms of business apply, please refer to www.erbsloeh.com.
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