

Wine Harmonization

SIHA OPTISIL

1 B 4.6.5 · SH
01/2009

SIHA OPTISIL is an advanced, casein free combination product, based on active silicates and isinglass for the reduction of undesirable phenols and bitter tastes.

The specific advantages of SIHA OPTISIL are:

- ▶ Immediately active without forming lumps
- ▶ Forms a compact and complete sediment
- ▶ Generally suitable for red, white or rosé wines
- ▶ Rounds off the taste of the wine prior to bottling
- ▶ Removes undesirable tannins

Product description

SIHA OPTISIL is used for reducing undesired tannins. It is particularly effective for phenol components (caftaric and coumaric acid), which are responsible for the formation of brown polymers. The use of isinglass specifically influences the tannin structure of the wine, resulting in much gentler treatment compared with gelatine.

Application

Dry SIHA OPTISIL can be stirred directly into the must, provided it is mixed well (before adding it, the must to be fined should be agitated using a high-performance mixer to ensure rapid and thorough distribution). Continue stirring for another 5 – 10 minutes until the product is evenly distributed.

Addition of BEVASIL 30 enhances the clarification and the sedimentation. After a reaction time of approx. 12 hours the wine can be filtered.

Wine	Moderate adjustment g/hl [lb/1000 gal]	Difficult wines g/hl [lb/1000 gal]
Red wine	10 – 20 (0.8 – 1.6)	20 – 30 (1.6 – 2.5)
White wine	20 – 30 (1.6 – 2.5)	30 – 40 (2.5 – 3.3)
Rosé wine	10 – 30 (0.8 – 2.5)	20 – 30 (1.6 – 2.5)

The optimum amount required for fining should be determined in preliminary tests.

Recommendation

To avoid an increased charge of turbidity during final filtration, we recommend that SIHA OPTISIL should be used prior to end filtration before bottling process.

Safety

When used and handled correctly, there are no known unfavourable effects associated with this product. Further safety information can be found in the material safety data sheet that is available on request.

Storage

It should be stored in a cool, dry, and odour-free place. Once opened, packs should be used up quickly.

Delivery Information

SIHA OPTISIL has the article number 65.108.

It is supplied in the following packaging units:

1 kg (2.2 lb) Laminated aluminium foil
10 kg (22.05 lb) Carton

HS Customs Tariff: 3824 90 97

Certified Quality

During the production process, SIHA OPTISIL is constantly monitored to ensure consistently high quality. These inspections cover technical function criteria as well as conformance with the relevant laws governing the production and sale of foodstuffs. Strict controls are carried out immediately before and during final packaging.

All information is given to the best of our knowledge. However, the validity of the information cannot be guaranteed for every application, working practice and operating condition. Misuse of the product will result in all warranties being voided. Reproduction, even in part, is permitted only with reference to the source. Subject to change in the interest of technical progress.