

Wine Harmonization

SIHA[®] OPTISIL

SIHA OPTISIL fining agent 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 fining agent:

- 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 fining agent 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 gelatin.

Application

Dry SIHA OPTISIL fining agent 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.

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

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

Wine	Moderate adjustment lb/1,000 gal (g/hl)	Difficult wines lb/1,000 gal (g/hl)
Red wine	0.8 – 1.6 (10 – 20)	1.6 – 2.5 (20 – 30)
White wine	1.6 – 2.5 (20 – 30)	2.5 – 3.3 (30 – 40)
Rosé wine	0.8 – 2.5 (10 – 30)	1.6 – 2.5 (20 – 30)

Safety

When used and handled correctly, there are no known unfavorable effects associated with this product.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

Storage

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

Delivery Information

SIHA OPTISIL fining agent is sold under article no. 65.108 and is available in the following package sizes:

2.2 lb (1 kg) laminated aluminum foil

22.05 lb (10 kg) carton

Certified Quality

During the production process, SIHA OPTISIL fining agent 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.

BEVASIL[®] 30 is a registered trademark of Akzo Nobel GmbH.

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