

CASEINE SOLUBLE

White, Rosé, Fruit, Cider
*To help prevent oxidation and for
the removal of oxidized wine components*

CHARACTERISTICS

Caseine Soluble is used in both must and wine for the treatment of oxidized phenolics and bitter compounds. In must it can be used preventatively while in wine it can diminish and remove off compounds. Further, Caseine Soluble can help remove iron and helps remove yellow color from oxidized wines.

RECOMMENDED DOSAGE

For must

500-1000 ppm	50-100 g/hL	4.2-8.4 lb/1000 gal
--------------	-------------	---------------------

For wine

200-1000 ppm	20-100 g/hL	1.7-8.4 lb/1000 gal
--------------	-------------	---------------------

DIRECTIONS FOR USE

Mix the Caseine Soluble in approximately 10 times its weight of cold water. Allow the solution to stand for about 4 hours. Stir to remove any lumps. For must, add the Caseine Soluble solution before settling or at the start of alcoholic fermentation. For wine, add the Caseine Soluble solution gradually during pumping over. Mix vigorously after adding the Caseine Soluble solution. The wine should then be promptly racked.

BENCH TRIAL PREPARATION

Prepare a 10% solution of Caseine Soluble by mixing 10 g of Caseine Soluble with 80 mL of deionized water in a 100 mL graduated cylinder. Once combined bring the volume up to 100 mL. Allow mixture to stand for 4 hours before use.

Bench Trial Recommendations (*Per 375ml bottle*):

Target Addition	lbs/1000 gal	mL's of 10% Lab Dilution
20 g/hL	1.7	0.75
30 g/hL	2.5	1.1
40 g/hL	3.3	1.5
60 g/hL	5.0	2.3
80 g/hL	6.7	3.0
100 g/hL	8.3	3.8

Allow wine samples to settle a minimum of 24 hours before viewing results.

PACKAGING and STORAGE

Dated expiration. Store in a dry, odor-free environment below 25°C (77°F).

Once hydrated, Caseine Soluble will not keep for more than 48 hours. Once the bag is opened, Caseine Soluble will keep for several months as long as conditions are not too humid.

This information is herein true and accurate to the best of our knowledge; however, this data sheet is not to be considered as a guarantee expressed or implied, or as a condition of sale of this product.

Document Edited 6/16/10

