

VIPLYCLAR™ 10

VEGAN CLARIFIER USED IN BEER-BREWING
AND WINEMAKING



VipyClar™ 10 is a vegan, 100% active, easily dispersed form of cross-linked polyvinylpolypyrrolidone (PVPP) which is insoluble in water, acid and alcohol. It is used as a single-use stabiliser in beer clarification. The physical structure of the polymer provides an extremely high surface area where polyphenols are adsorbed by strong hydrogen bonding interactions. This reduction of polyphenol enhances the clarity and shelf-life of beer by combatting non-biological haze. The polymer-tannoid complex is filtered out of the beer post-treatment leaving no residues in the product.

Features & Benefits

- Easily dispersed without the need for specialist plant or equipment
- Has no detrimental effect on foam characteristics, flavour, aroma or taste
- Enhanced beer shelf life without affecting the beer foam or mouthfeel
- Protection against development of haze when beverage is chilled
- Contains no animal-derived ingredients

Methods of Use

VipyClar™ 10 should be added to beer as an aqueous suspension prior to filtration. A minimum hydration time of 60 minutes, with agitation, is recommended to ensure optimal hydration and mixing. Additional CO₂ sparging in the dosing vessel can be used to reduce oxygen pickup. It is recommended that a trap filter is used to remove any residual particles post-filtration. For maximum effect, a contact time of at least 5-10 minutes is recommended, although effects can be seen with residence times of as little as a few minutes.



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Dosage Rates

The exact dosing rate for VipyClar™ 10 is dependent upon the brewing raw materials used, process conditions and the shelf life requirement. Due to the smaller particle size, VipyClar™ 10 can also be used in fermented teas and fruit juices.

Beer Type	Addition Rate (g/hL)
All malt beers	15-40
Beer with low polyphenols	5-20



Specification

- Appearance: White free-flowing powder
- Nitrogen (%): 11.0 - 12.8
- Sulphated Ash (%): ≤ 0.4
- pH (1% aqueous solution): 5.0 - 8.0
- Water Soluble Matter (%w/w) : ≤ 0.5
- Water Content (Karl Fischer %w/w) : ≤ 6.0

