

VIPYCLAR™ 730

VEGAN CLARIFIER USED IN BEER-BREWING
AND WINEMAKING



VipyClar™ 730 is a single-use stabiliser for beer clarification designed for the simultaneous, balanced removal of polyphenolic and proteinaceous haze precursors. It is suitable to use in vegetarian and vegan products. It is a ready-to-use blend of cross-linked polyvinylpyrrolidone (PVPP) with amorphous silica. The combined use of PVPP and silica gel provides a balanced stabilisation of both haze-producing constituents, preventing the protein-polyphenol complexes from forming, resulting in a clear “sparkling” beer.

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

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 to add VipyClar™ 730 to the beer prior to filtration. 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 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™ 730 is dependent upon the brewing raw materials used, process conditions and the shelf life requirement. The usual dosage level range for VipyClar™ 730 is 15 to 100 g/hL (4 to 26 lb/100 US bbl).

Beer Type	Addition Rate (g/hL)
Strong beers > 7% alcohol	20-100
All malt lagers	20-50
All malt ales	20-80



Specification

- Appearance: White free-flowing powder
- Nitrogen (%): 3.2 - 4.3
- Silica (manufacturing records %w/w): 69.0 - 74.0
- pH (1% aqueous solution): 5.0 - 9.5
- Particle Size (µm): ≤ 300.0
- Water Content (Karl Fischer %w/w) : ≤ 12.0

