**STABIGEL CM**

**STABILIZING AGENT FOR BEER**

**BASED ON PVPP AND SILICA HYDROGEL**

**CHARACTERISTICS AND APPLICATIONS**

***STABIGEL CM*** *is a range of processing aids with a combined stabilizing activity, obtained by using the characteristics of PVPP and silica hydrogel. The cold stabilization of the beer is therefore guaranteed with the use of a single product.*

*The polyphenols in excess within the beer lead to unstable clarity and to a remarkable degradation of the flavor.* ***STABIGEL******CM*** *forms highly stable compounds with the polyphenolic substances present in the beer and simultaneously absorbs the proteins.*

*The PVPP present in the* ***STABIGEL CM*** *composition guarantees the adsorption of simple polyphenols (protoantocyanins and anthocyanins), whereas the silica performs a selective adsorption of the proteins with a low and medium molecular weight, so completing the stabilizing effect.*

***STABIGEL CM*** *is highly effective even when the contact time is limited:*

*-is formulated according to the specific stabilization needs of each individual customer;*

*- it is easily dispersible;*

*- preserves the beer’s color, aroma, flavor and foam.*

**DOSAGE AND ISTRUCTION FOR USE**

*IN FILTRATION:* *it is used just as a normal filtration aid, by dispersing it in the filter’s dosing system, using a suspension in de-aerated water with a ratio of 1: 5 - 1:10.*

*IN MATURATION OR RACKING: to be used before filtration.*

*The clearer the beer is, the stronger the effectiveness of STABIGEL CM will be. The contact time may vary from half an hour to several days. Long contact periods of time will not cause problems. The dosage will be even more effective if it is done through a dosing pump, during the racking of the beer from one tank to another.*

*NOTE: dispersion in de-aerated water should be prepared at least 30 minutes before its use.*

***DOSAGE****:* *40-100 g/hl according to the shelf-life required for the final product.*

**COMPOSITION**

**REV. 01 \_111018**

*Polyvinylpolypyrrolidone at high molecular weight and high surface silica hydrogel.*

**PACKING**

*20 kg bags*

**This product is considered as not harmful and therefore it does not require a Material Safety Data Sheet (MSDS).**

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