

Product Description

MostRein® PORE-TEC is the bentonite-activated carbon-granulate for the preventive, careful treatment of mash/crushed grapes and must/grape juice from white and red grapes and thus for the making of clean aroma wines from damaged grapes. The product is granulated according to the PORE-TECnology. MostRein® PORE-TEC is based on selected clay minerals of the montmorillonite group and specific, carefully acting and highly pure activated carbons of vegetable origin. According to EC regulation no. 606/2009, the application of activated carbon is allowed for mash, must and young wine from white and red grapes.

Permitted according to laws and regulations currently in force. Proved for purity and quality by specialized laboratories.

Aim of Treatment

MostRein® PORE-TEC eliminates residues of spraying agents and other disturbing and undesirable substances, prevents off-taste and off-smell and fermentation disturbances. Thus early suppression of later developed off-flavours, for instance hydrogen sulphide odour and musty flavour. Particularly for rotten grapes, MostRein® PORE-TEC is the treatment agent of choice.

Product and Effect

MostRein® PORE-TEC, was tested in the frame of extensive, scientifically assessed medium- and large-scale trials with the aim to develop an efficient treatment agent which eliminates, already at an early stage, partially undefinable fermentation disturbances and off-flavours of all kinds in the wines. This effect is achieved by a special homogeneous production process under consideration of the degree of activation, surface, pH-value and electrical charges. The result is a largely selective adsorption and colloidal flocculation of disturbing substances of a certain molecule size and charge. The better MostRein® PORE-TEC is conditioned in advance by pre-swelling, the more efficient is the adsorption and precipitation of disturbing substances.

Specific porous-spongy surface structure	Targeted raw material selection and optimized composition
- more intensive and selective adsorption of proteins, disturbing substances, portions of rot, residues of spraying agents	- even more gentle, more careful treatment - for efficient clearing of the must - decisive for clean wine aroma
- direct dosage possible	- quickly reacting
- easily wettable and suspensible	- short settling time - highest purity - low in iron

Due to an advanced production process MostRein® PORE-TEC is very pure with low metal contents. Consequently, the risk of iron contaminations by a treatment can almost be excluded and MostRein® PORE-TEC must not necessarily be separated before the fermentation process, yet clearing of the must before fermentation leads to better sensory evaluation.

Dosage

150-250 g/100 L grape must/mash. More if required. A combination with Erbslöh-Mostgelatine (casein-containing)/Erbslöh Mostgelatine CF (casein-free) or OenoPur (casein-free) has proved favourable to further enhance cleanness. Additionally Granuacol® GE when grapes are rotten with rot proportion exceeding 15 % (per % rot 1 g/100 L). Mix thoroughly after the addition of each single treatment agent to provide for good distribution in the mash or must. Sequence of addition: Granuacol® GE – MostRein® PORE-TEC – Erbslöh-Mostgelatine/Erbslöh Mostgelatine CF/OenoPur.

Application

Prior to application, check prepared suspension for off-smell. To assure optimal effect, preferably stir MostRein® PORE-TEC slowly into an approx. 3-5-fold amount of water. Allow to swell for a short time. Then add to the vessel and mix thoroughly to provide for even distribution in the mash or must. If a somewhat reduced efficiency or higher dosage is insignificant, also direct application is possible. In this case, stir mash/must intensively before and after treatment. Separation can be made before or after fermentation, but separation/clearing of the must before fermentation is more favourable for sensory evaluation.

Storage

MostRein® PORE-TEC is a highly efficient adsorbent, thus has to be protected from foreign smells and moisture. Store in a dry and well-ventilated place free from foreign odours. Reseal opened packagings immediately and tightly (airtight). For improper storage and application liability is excluded.