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The invention relates to process for preparation of sorbent on the diatomite base for purification of sewage from the dyes used in the textile, chemical cellulose-paper industry and other fields of industry.

The process comprises mixing of diatomite with an active addition and formation the paste therefrom, which is calcinated and disintegrated. The summary of the invention consists in, that as active addition there is used the grape husks powder, which is thereafter acidified with the sulphuric acid water solution having concentration of 2N up to pasty mass formation, is kept during 24 hours up to the complete interaction, predried at 90...100°C, calcinated during 2 hours without air access and after cooling it is disintegrated up to 0,5...1,0 mm, by that the mixing of the diatomite with the grape husks is carried out in the ratio of 3:1.

The technical result consists in sorbent porosity increasing.

Claims: 1

Fig.: 1