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The invention relates to the wine making industry, namely, to the process for rendering harmless the wastes, containing the insoluble hexacyanoferrates(II), produced at the wines demetallisation.

The process consists in the preliminary diluted wastes processing with calcium hydroxide at the periodically mixing, separation of the solide phase by decantation, washing thereof till the negative ferrocianid-ion(II) reaction, liquid phase treatment with iron(III) salt, with further Prussian blue separation thereof by filtration. The novelty consists in the fact that the solid phase after washing till the negative ferrocianide-ion(II) reaction is neutralized with the acid to pH 6...7, the liquid phase is acidified to pH 5,5...7,5, and the filtrate after Prussian blue separation and the washing waters after solid phase washing are used for the preliminary wastes dilution..

The technical result consists in utilization of the filtrates and washing waters for wastes dilution that reduces the reagents and drinking water consumption for wastes rendering harmless.

Claims: 2