

추출증류의 용제 선정

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Various waste fluids have come to be exhausted by the diversification of industry like fine chemicals, the medicine, and the electronic item, etc. by the factory. The collection and recycling a useful element have been requested from measures for controlling global warming, the saving resource, and the approach for energy conservation though these waste fluids incinerate or have been disposed up to now. However, special methods of the azeotropic distillation and the extractive distillation, etc. are used for the distillation separation so that the waste fluid may also be a compound that consists of two or more elements.

In this study, the solvent effect of the extraction solvent used for the extractive distillation of various factions is considered based on information obtained from the vapor-liquid equilibrium calculation.