

## **solvent**

### *in liquid-liquid distribution*

The term applied to the whole initial liquid phase containing the extractant.

Notes:

1. The solvent may contain only one extractant or it may be a composite homogeneous mixture of extractant(s) with diluent(s) and also sometimes modifiers and accelerators.
2. The term solvent must not be used as a synonym for any of the individual components of a composite liquid phase even where, in the case of a single component (e.g. 3-methylbutan-2-one or tributyl phosphate), it becomes identical with the extractant.
3. The term may be qualified to denote the extract from a given processing step e.g. loaded solvent.

### **Source:**

PAC, 1993, 65, 2373 (*Nomenclature for liquid-liquid distribution (solvent extraction)* (IUPAC Recommendations 1993)) on page 2381