

IUPAC Project Progress Report

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Project number: 2007-045-1-500

Project Title: Solubility data related to industrial processes. Solubility of higher alkynes in liquids

Report:

This project will be published in the IUPAC-NIST Solubility Data Series to complement Volume 76 Solubility of Ethyne in Liquids.

It is being prepared in the standard format of the IUPAC-NIST Solubility Data Series for publication in the Journal of Physical and Chemical Reference Data and for inclusion in a web-accessible database being prepared by the US National Institute of Standards and Technology (NIST).

Available experimental data have been compiled and prepared for publication. Assessment of reliability of the data and preparation of an overall review are in progress.

This volume of the IUPAC Solubility Data Series will be small compared with other volumes in the Series because of the paucity of published data. It will probably run to 100-120 pages. Completion is likely to be early in the New Year.