

IUPAC Project Progress Report
(Period: September 2006 – June 2007)

July 2007

Project number: 2006-032-1-500

Project Title: Mutual solubility of ethers, ketones and water

Task Group Leader: Marian Góral

Starting date: 9, 2006

(The date of approval of the project was given as the starting date)

Report:

1. The project is in progress.

The systems of ethers with water prepared in the standard format of the IUPAC-NIST Solubility Data Series have been submitted for publication in the Journal of Physical and Chemical Reference Data:

Part 1. C₂- C₅ Ethers with Water

Part 2. C₆ Ethers with Water

Part 3. C₇ - C₁₄ Ethers with Water

Evaluation of data for ketone + water systems will be completed before 10, 2007.

2. Progress relative to 'milestones':

The project will be completed three months later than planned.

3. Difficulties encountered (or concerns):

none

4. Projected completion date (documents ready for external review):

Before end of 2007

5. Please list all of the intended outputs and the dissemination plan for this project (viz. articles, CD, conference presentations; etc.). These may have been expanded since project approval:

Five publications in the Journal of Physical and Chemical Reference Data within the IUPAC-NIST Solubility Data Series.

6. If your project is within 6 months of completion, how do you plan to utilise any remaining budget for this project? No remaining budget.

7. Work on this project may have identified new problems, issues, challenges, emerging topics, opportunities for related projects, etc. Please indicate these here so that the Division can follow up on them:

New method of the critical evaluation of data including model of association and simultaneous analysis of the all investigated systems.