CH4: Separation and purification

1. Recrystallization – choosing the right solvent

**DOCUMENT 1 : Recrystallization video**

MIT Open Course Ware : Recristallisation

<https://ocw.mit.edu/resources/res-5-0001-digital-lab-techniques-manual-spring-2007/videos/>



### Studying a video

Watch video “Recrystallization” from the MIT online learning course. (**Start at 50s end 4min40s)**

What does the video deal with? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List the main steps of recrystallization:

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### Learning vocabulary: filling in the blanks

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| **English** | **French** |
| hot water bath |  |
| solvent |  |
| solute |  |
| flammable |  |
| crystallizing dish |  |
| solubility test |  |

### Choosing the right solvent :



What is the ideal solvent in the video? Why? Explain.

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### Presenting

Prepare a 1min presentation of the choice of solvent

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Activity summary

What you must remember:

* vocabulary associated with choosing a solvent during recrystallisation
* how to choose a solvent

Skills linked to the curriculum:

|  |  |
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| **Compétences** | **Capacités à maitriser** |
| * APP
 |

|  |
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| * Connaître le vocabulaire lié à la recristallisation
 |

 |
| * ANA
* COM
 | * Effectuer et présenter un choix de solvant
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