

CH4: Separation and purification

ACTIVITY 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**)

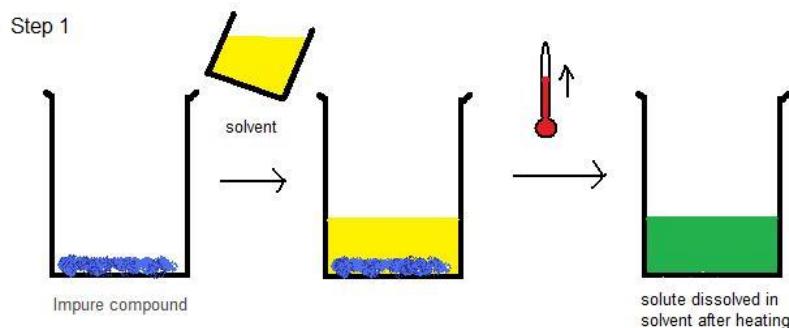
What does the video deal with? _____

List the main steps of recrystallization:

■ Learning vocabulary: filling in the blanks

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.

■ Presenting

Prepare a 1min presentation of the choice of solvent

Activity summary

What you must remember:

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

Skills linked to the curriculum:

Compétences	Capacités à maîtriser
<ul style="list-style-type: none">– APP	<ul style="list-style-type: none">– Connaître le vocabulaire lié à la recristallisation
<ul style="list-style-type: none">– ANA– COM	<ul style="list-style-type: none">– Effectuer et présenter un choix de solvant