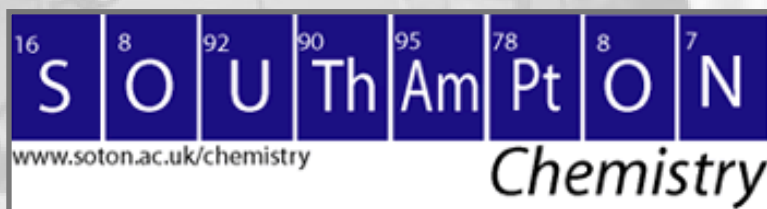


CFOF Strand 3.1

From Registration to Graduation: Phase 1



David Read Aug 2007

Overview

- **Aim:** encourage students to sustain/enhance their commitment to chemistry from UCAS application to graduation.
- **Initial focus:** school-university transition and the post-induction period.

Where do I fit in?

- Several years experience teaching chemistry and science to all age groups at an 11-18 comprehensive school.
- In post since end of May 2007.
- Develop resources to support the transition from A-level.
- Expand on the good foundation of outreach work already established at Southampton.

Progress so far

- Review of current A-level content and comparison between specifications to identify gaps in knowledge.
(available for download)
- Creation of Welcome Website for incoming undergrads.
- Development of e-learning resources to support the transition & enhance learning.

Welcome website – pre-induction

- Designed on the basis of feedback from whole 1st year cohort, and interviews with focus group.
- Integration of a survey to find out key information regarding school experience, and to get feedback on the site.
- 2nd phase in mid-sept to include key subject material at the KS5/UG interface.

Search

This site
 University

Chemistry Home

Welcome

- Virtual tour
- Complete the survey
- Questions and answers
- Useful course and university links
- A week in the life
- Fun stuff



Welcome to Chemistry at Southampton

Congratulations on getting your A-level results and achieving your ambition to study chemistry in Southampton. This is an exciting time, with a new phase of your life just around the corner. No doubt you will already be thinking about the preparations you will need to make before you start here. Although you will have most things under control there is nearly always something that you might like more information about. This website might not resolve everything but it will help in your preparations and give you a greater sense of the community that you are joining very soon. As well as information, links and a short survey there are some insights about the school/college to university transition provided by some students who made that transition last year. You should use this resource with the main university website, the Accommodation office site and together they should tell you everything that you need to know!

This website has been created by our School Teacher Fellow, David Read, who has been working closely with a group of current first year undergraduates to put together a resource that will be useful to you in the weeks to come. This work is linked to a wider project called 'Chemistry For Our Future' which is managed by the Royal Society of Chemistry (RSC) and funded by the Higher Education Funding Council for England (HEFCE). Your input will be crucial in the future development of this site to improve support for incoming undergraduates in years to come. If you have any suggestions now or in the future, please e-mail them to: d.read@soton.ac.uk

Click on the links below to navigate your way around the site. Most things should be pretty self-explanatory. If there is anything else you would like to know about, please feel free to e-mail using the above address. There will be a second edition of the site online in mid-september, which will have more curriculum relevant material for you to look at before you come to Southampton.

Finally, make sure you enjoy what remains of your summer holiday, and we look forward to welcoming you to the School of Chemistry in October!

VIRTUAL TOUR

Although you may have already been to the School of Chemistry, it will still take you a while to find your way around. Take the tour to find out more without even leaving the house.



QUESTIONS AND ANSWERS

You are bound to have a few questions about what your life at Southampton will be like. Here is an opportunity to find out a few answers.



A WEEK IN THE LIFE

This part of the site has been written by some of our current students to give you a flavour of what a typical week will be like after you arrive.



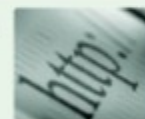
COMPLETE THE SURVEY

In order to tailor our teaching to meet your needs, it will be useful for us to find out a few things about your experiences at school.



USEFUL COURSE AND UNIVERSITY LINKS

Links to important information regarding the course & university. Here, you can find details of your 1st year study pack, which includes 3 textbooks at no charge to you!

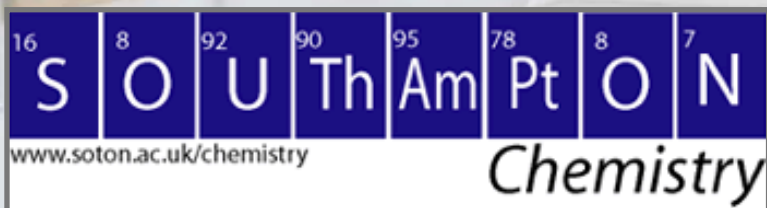


FUN STUFF!

Find out what happened when we let a few first year students loose in the lab with a few chemicals...

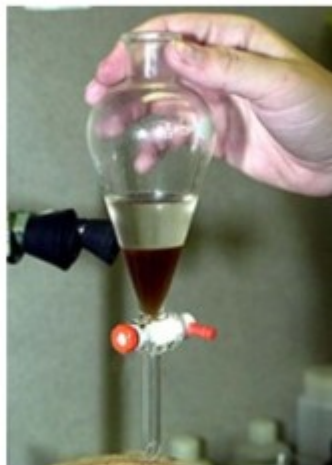


Virtual Tour of the School of Chemistry





Have you ever done a solvent extraction?

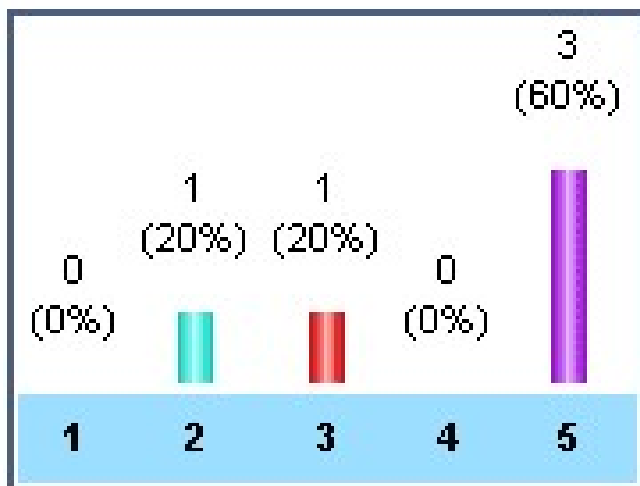







- I've done this a few times
- I've only done this once, or maybe twice.
- I only ever saw the teacher demonstrate this.
- I only saw this in a video or on the internet.
- I've never seen solvent extraction before.

Previous

Next

End



-  1. 0 I've done this a few times
-  2. 1 I've only done this once, or maybe twice
-  3. 2 I only ever saw the teacher demonstrate
-  4. 3 I only saw this in a video or on the int
-  5. 4 I've never seen solvent extraction befor

	Monday	Tuesday	Wednesday	Thursday	Friday
9 – 9.45		Inorganic lecture			
10 – 10.45		Inorganic lecture	Organic lecture	Organic lecture	
11 – 11.45			Physics lecture	Physical lecture	
12 – 12.45	Physical lecture		Physics lecture	Chemistry workshop	
13 – 13.45				Chemistry workshop	Physics lecture
14 – 14.45	Chemistry Practical	Chemistry Practical			
15 – 15.45	Chemistry Practical	Chemistry Practical		Maths workshop	
16 – 16.45	Chemistry Practical	Chemistry Practical		Maths workshop	
17 – 17.45	Chemistry Practical	Chemistry Practical			

Week in the Life of a Semester 2 Chem Student

Written by Talya

Mondays are fab! First lecture, which is Phys Chem, isn't until 12. I've met some friends in the SUSU café at 11 for a quick brunch and to look over our Practical booklet for this afternoon's practical. We're meant to write out the hazards and procedure before we go in. it's a good thing to do because writing it out really does make it sink in!

We have an hour after the lecture for lunch.

It's always a good idea to arrive a few minutes early for your practical.. even if it's just so you have enough time to find a rubber band to put your hair up in! There's quite a bit of talk before you even get to start working but it's worth paying attention seeing as there's quite a lot of equipment you've probably never seen before.

Depending on the lab you could be out by half four but always be prepared to stay until 6, you never know what could go wrong!

Induction and beyond

- Presentation from ‘old’ 1st years during induction and use of ‘zappers’ to get feedback.
- Promoting independent learning:
“We know where we need to be, but we don’t know how to get there!”
- Online A-level revision/catch-up resources (quizzes with feedback, self-study material – must ask for support if needed).

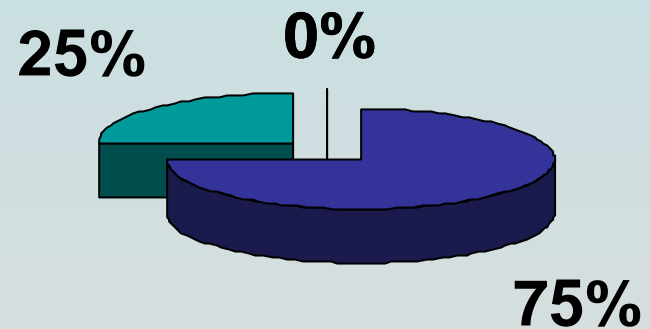
1) Universal indicator and litmus both turn red in which type of substance?

A. Petrol

B. Acid

C. Alcohol

D. Alkali



□ Petrol ■ Acid ■ Alcohol ■ Alkali

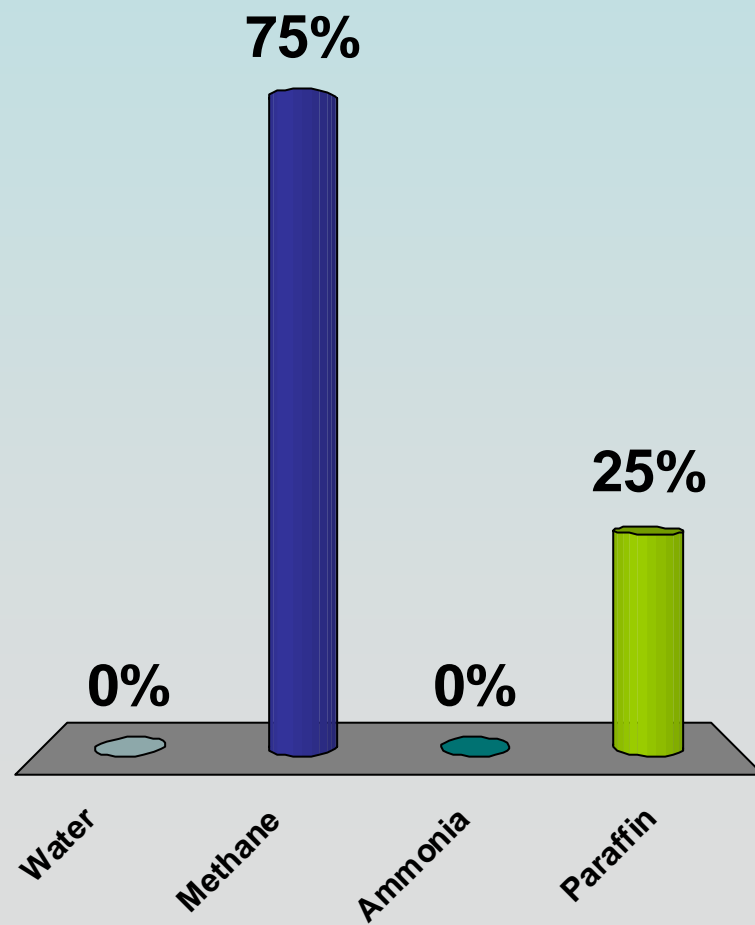
Which of these compounds has the lowest boiling point?

1. Water

😊 2. Methane

3. Ammonia

4. Paraffin



The future...

- Comprehensive review of 1st year curriculum at Soton, coupled with review of new A-level specifications.
- Use of zappers for summative assessment.
- Expansion of e-learning (including collaboration with schools/colleges to support T&L via 'virtual outreach').