

18/03/2016

# Esters, fats and oils



- **Aim**
  - **What are esters, fats and oils?**
- **How can we identify an ester?**
- **How can we name an ester?**
- **What do we use esters for?**
- **What are the properties of esters?**
- **How can we make esters?**
- **How can we break esters apart?**
- **What is a fat or an oil?**
- **How can we make fats and oils?**
- **What are the differences between fats and oils?**
- **Why are the melting points of fats and oils different?**
- **How can we convert an oil into a fat?**
- **Why are fats and oils important?**

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# Proteins



- **Aim**
  - **What is a protein?**
- **What is a protein?**
- **What is an amino acid?**
- **How are proteins formed?**
- **What is the name of the link between amino acids in a protein?**
- **How can we convert a protein back into amino acids?**
- **How can we identify the amino acids in a protein?**
- **What is meant by an “essential” amino acid?**
- **What is an enzyme?**
- **What happens when we cook proteins?**

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# Fragrances



- **Aim**
  - **How can we make smelly molecules?**
- **What is an essential oil?**
- **What is an isoprene unit?**
- **What is a terpene?**
- **How can we identify the isoprene units in a terpene?**