To observe textile fibres under a microscope, you need distilled water and Lugol’s solution.

**The 3 Rs and the products of the future**

# Microscopic analysis of textile fibres

## Procedure

1. Unthread a tissue sample with a scalpel and tweezers so that you get a few isolated fibres.
2. Place these on a microscope slide, add a drop of water or reagent and cover with the coverslip.
3. Place the slide in the glove box of the microscope, focus and observe.

## Identify the origin of the fibres using the diagram

