# Activity 2.1 Which household products contain acids?7

## Apparatus and materials

* filters, round (Ø minimum of 10 cm)
* large Petri dish
* disposable pipettes
* spatula
* markers for writing on filter
* indicator made from red cabbage
* lemon cleaner
* substance for decalcifying
* lemon juice concentrate
* essence of vinegar
* other cleaners…

## Safety

Observe all safety measures regarding the handling of acids as printed on the labels! Wear your safety goggles!

## Procedure:

* Soak the round filter in red cabbage indicator and dry (air dry, use hair dryer or put on radiator) in a Petri dish. Based on the indicator’s intensity, the process may have to be repeated several times.
* Use pipette or spatula to apply small sample of the substances to be analysed to filter and mark the spots accordingly.

## Disposal:

* After diluting, pour the solutions down the sink. Put the filter in the waste bin.

7 Source (adapted from):

[***http://sinus-transfer.uni-bayreuth.de/fileadmin/MaterialienBT/Skript\_Flint.pdf***](http://sinus-transfer.uni-bayreuth.de/fileadmin/MaterialienBT/Skript_Flint.pdf)