



## Deodorant Recipe

### 1) You are now going to make your own deodorant

- ! Wear eye protection
- ! Wash your hands carefully afterwards
- ! Before the mixture is applied, teachers should ensure that students do not have any known allergies to the individual ingredients
- ! Do not store the mixture if you are not going to use it in the lesson
- ! Dispose of it carefully
- ! Do not swallow ingredients

### You will need

¼ cup vegetable shortening  
1 tbsp corn flour  
2 tsp baking soda  
⅛ tsp tincture of benzoin  
1 tsp fragrance (optional)  
Clean jar and lid  
Glass beaker (50ml)  
Glass stirring rod  
Eye protection/goggles

### Method

- a) Blend all the ingredients together into a smooth cream – work carefully using the glass stirring rod.

**If your teacher says you can use the mixture, then apply carefully.**

- b) Rub a small amount under your arms.

- 2) Think about your experiment and try to find out how much it differs from commercially made deodorant. Make a note of the similarities and differences between what you did and how it is done for mass production.

### Think about

- The scale of the operation
- What additives and preservatives are used in the industry
- The way it is applied
- How long will your deodorant last compared to a commercially made one
- The look and performance of the finished mixture