

# DR SCHREMPP'S CHEMISTRY LAB - NITROCELLULOSE

<http://www.youtube.com/watch?v=-33o1MLTe9c>

## 1. Answer the questions:

- a. What is it?
  - 1) It's a common material in many kinds of plants, for example in cotton, in trees; it builds the cell walls
  - 2) It consists of small monomers which are joined together.
- b. What are the quantities of the two acids that the chemist needs for his experiment?

## 2. Complete the sentence:

- a. Story about Johnny:

Johnny was a chemist. Johnny is no more. Johnny thought it was ..... , it was .....
- b. The sulfuric acid's taking off a hydroxide group from the molecule, after the ..... acid put ..... group on the molecule and that's what makes a .....
- c. I'm going to make you take these .....
- d. We're going to ..... to this dish and then we're going to rinse them ..... times with the water. This is ..... water cause we don't need any ..... in there.
- e. We actually would rinse this 10-12 times using some ..... also known as baking soda to ..... the acid.
- f. Theoretically anything made of cellulose you can .....
- g. Magicians like it because it not only ..... but you see there is absolutely no .....

## 3. True or false?

- a. Nitrocellulose is used in film industry.
- b. They wrung the cotton balls to get the base out of there.