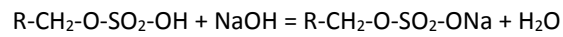
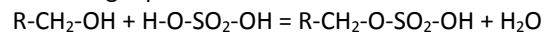


what are the main ingredients of synthetic soap? what makes it hard?

Solution: Synthetic soap main components are sodium salts of esters of highest alcohols and sulfuric acid.

Obtaining equations:



The main components can be named:

1. Surfactants (sodium salts).
2. Complexing agents.
3. Regulators.
4. Bleach.

The esters are solid, because they are formed by saturated alcohols with a big amount of carbon atoms.