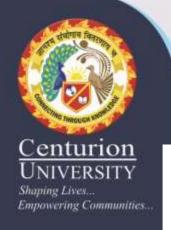
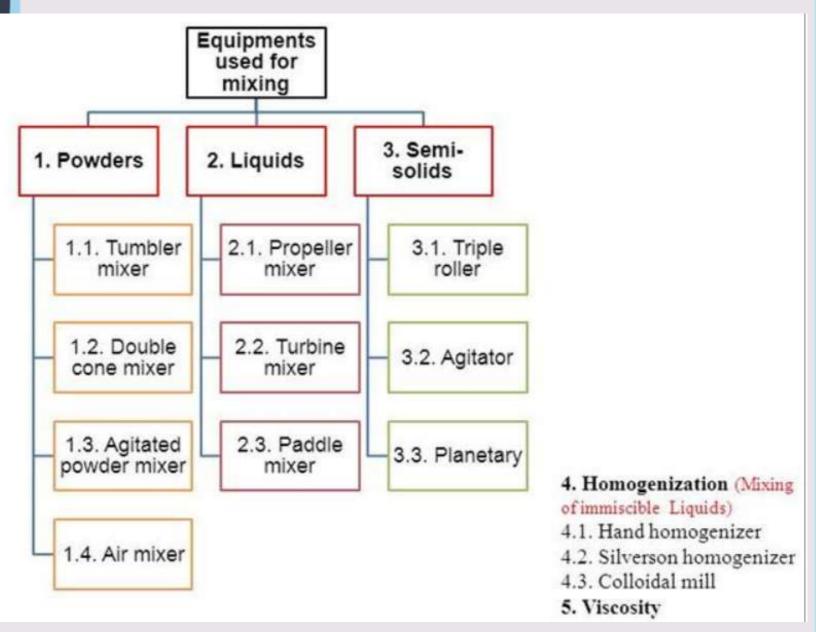


Mixing of semisolids

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3.1. Triple roller mill

Construction:

- The mill consists of 3 rollers which are made of a hard abrasionresistant material.
- The rollers are rotated at different speeds.
- The material coming between the rollers is crushed depending on the gap between them.

Working:

- The material from hopper comes b/w roller 1 and 2 and reduces size.
- 2. The mixture further crushes and smoothen b/w 2 and 3.
- 3. The gap b/w roller 2 and 3 is lesser compare to gap b/w 1 and 2.
- A scraper is arranged in roller 3 to remove the mixed material

Use: Mixing of solid powder in ointment base

