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# Liquid Mixing

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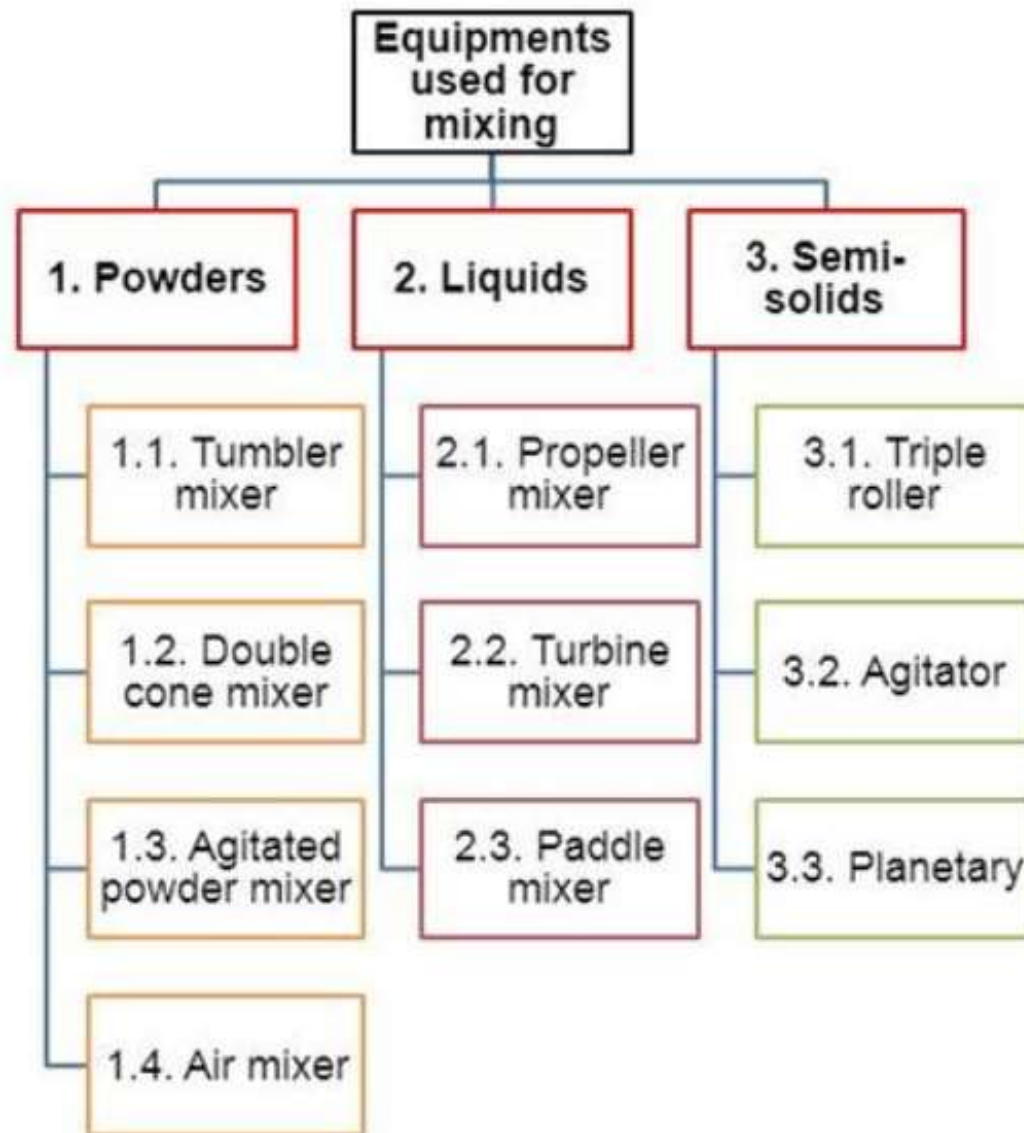
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**4. Homogenization** (Mixing of immiscible Liquids)

- 4.1. Hand homogenizer
- 4.2. Silverson homogenizer
- 4.3. Colloidal mill

**5. Viscosity**



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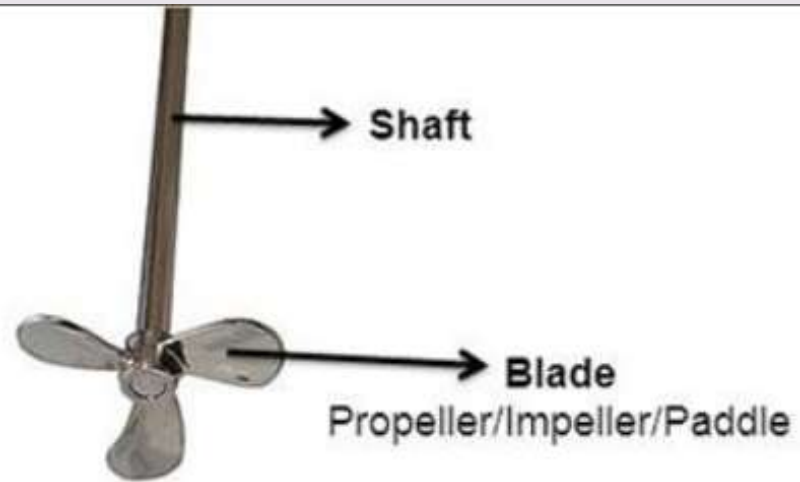
## 2. Mixing of liquids

Vessel





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Propeller

Impeller

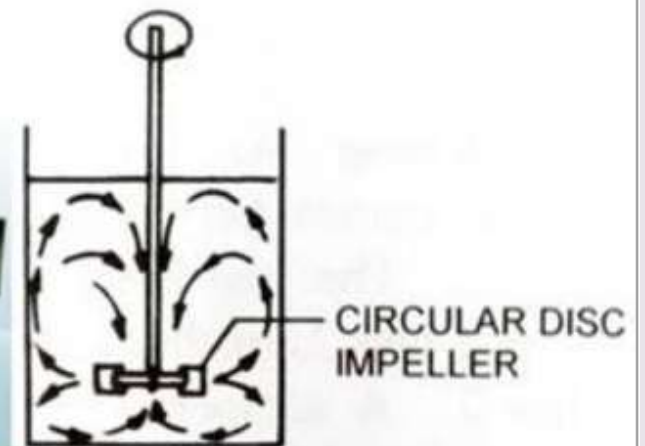


Paddle



## 2.2. Turbine mixer

1. It consists of **vessel** and a circular disc impeller
2. A number of **short, straight or curved** blades are attached to it.
3. The turbine mixer is used for mixing of more viscous liquids. E.g. syrups, liquid paraffin, glycerine etc.,





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Thank you