

Lip Balm Lipid Lab

Lipids are moisturizing substances with excellent water proofing abilities. Their hydrophobic nature makes them an excellent choice for many health and beauty products. Today you will be learning more about the properties of lipids while making lip balm, or lip chap.

Recipe 1: Lip Chap

- 2 parts coconut oil
- 1 part beeswax
- a few drops of vitamin E

Recipe 2: Lip Balm

- 1 part beeswax
- 2 parts shea, cocoa or mango butter
- 2 parts coconut oil
- 10 drops of essential oil of choice (you may use multiple oils)

Instructions

1. Put about 250 mL water in the bottom of a large beaker and turn on medium heat.
2. Remove the plastic base and rim from a large graduated cylinder and place it the beaker, making sure not to get water in the cylinder.
3. Place all ingredients except the essential oils inside the cylinder and slowly melt.
4. When all ingredients are melted, stir well and turn off heat, but leave graduated cylinder in the water to keep warm.
5. Stir in the essential oils.
6. Carefully pour the liquid directly into small containers.
7. The mixture will settle slightly as it cools, so you may re-top the containers after about 2 minutes as they start to harden.
8. Let sit without touching for several hours or until completely hardened.
9. Store in a cool dry place (they will last for at least a year if stored correctly).
10. Enjoy!