

# The Super Soybean – Lip Balm

The objective is to help students observe beeswax as a solid, as it's melted to a liquid, and then combined with soybean oil. The mixture cools and turns into a solid. Students can also discuss the moisture-retaining properties of oil in relation to animals and plants.

## Materials Needed:

- 1 1/2 Cups Soybean Oil (same as Vegetable Oil)
- 3.5 ounces (100 grams) of Beeswax
- Hot plate
- Stir stick
- Glass beaker
- Heavy plastic bag
- Hammer
- Hot pad
- Containers for the lip balm (can be purchased at craft stores or from Pick N Pack)
- Optional- Cooking Flavoring Oil (i.e. cherry, watermelon, spearmint, peppermint). Comes in 3.7 ml bottles.

## Directions:

1. Put the beeswax in a heavy duty plastic bag. Break it into small pieces by hitting bag with a hammer.
2. Put wax in beaker and on hot plate on a low temperature. Stir until melted to a liquid.
3. Add 1 1/2 cups of soybean oil.
4. Stir occasionally until completely melted
5. Turn off the heat.
6. Add 3.7 ml of the flavoring if desired.
7. Stir until everything is completely mixed.
8. Pour the liquid into individual containers and let the substance cool.
9. One batch makes enough for about 30 people

## Soybean Science Kits

This is one of the lessons from the Soybean Science Kit- Lesson 15: Lip Balm.

Learn more about the Soybean Science Kits at <http://www.soybeansciencekit.com/>

To order supplies:

Pick 'N Pack

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